

TITLE

Natures Hand Presents...

THE EARTH SPHEREOPEDIA 2013

"A brief historical, analytical and prognostic SPHEREOPEDIA of and on the Planet EARTH from 13 Billion BCE to 3000 CE/AD"



**By Mr. David E. Camelot @ NATURES HAND AB.
NW. Parkland Biome CANADA North America 2000-2013 © EARTH**

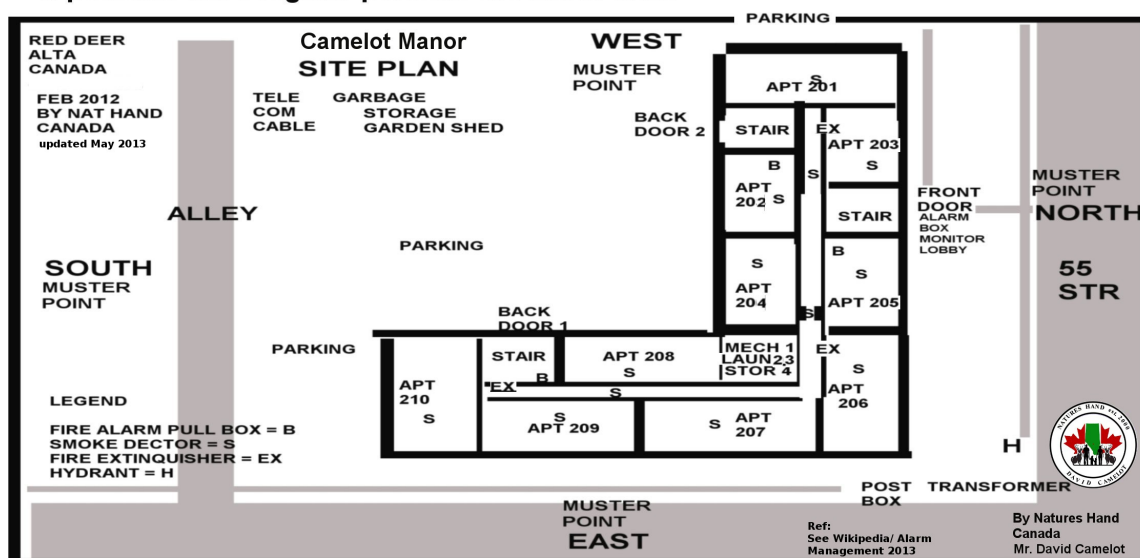
READ ME

In Event of Emergency see below and Secure This Testament & Wallet to a Safe Local.

Camelot Manor FIRE, SMOKE, GAS, EMERGENCY PROTOCOL 2012

- * If emergency occurs or fire alarm rings in winter
(modify according to season, time and or weather conditions)
 - * SNIFF FOR SMOKE, LOOK FOR FIRE, evacuate building
 - * Shut stove and or running water off if in use in apts before exiting
 - * Grab shoes, pants, warm jacket and keys evacuate to muster point/s
 - * Rescue order, 1 people, 2 pets, 3 plants, 4 property
 - * Phone 911 if check reveals hot doors or walls etc, smoke/fire, broken alarm box
 - * Check lobby fire alarm monitor box main floor to try to locate alarm location
 - * Locate fire pull alarm boxes see plan below
 - * Ph Building manager or smoke alarm company
 - * If possible call 911 on cell to be mobile
 - * Get to proper muster point upwind of smoke and fire
 - * Get some able help to evacuate the building
 - * In case alarms fail yell "FIRE" loudly
 - * Locate Mechanical room and hydrant for fire emergency personal
 - * If possible have regular periodic fire alarm drills
- * Important Note**
To protect your belongings loved ones, from possible loss,

 1. get apt insurance
 2. document apt contents
 3. take pics and or video
 4. contact insurance comp
 5. keep important and family records in fire box
 6. keep records elsewhere
 7. Pay premiums on time
 8. Have a legal/current will
 9. Have personal directive
 10. Practice escape plan



Sample Fire Protocol

INTRO

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INTRO

Sample DEFINITIONS/Glossary

examples :

almanac or **almanack** *awlmanak/ noun* any of various annual publications containing statistical and general information, often in tabular form, *esp* a publication containing astronomical and meteorological data for each day in a particular year. [Middle English *almenak* from medieval Latin *almanach*, from Arabic *al-manakh* the calendar]

biome / noun a unique ecological community

budget /*bujit/ noun* 1 a statement of a financial position for a definite period of time, e.g. For the following year, based on estimates of expenditures and proposals for financing them.

WORD HISTORY.....

Middle English *bowgette* pouch, wallet, via Old French from Latin *bulga* leather bag, of Gaulish origin. In the 18th cent. The Chancellor of the Exchequer was said to 'open the budget' (wallet) when presenting his statement, and the word came to mean the statement itself, and later any financial plan or provision.

Canada /Ca na da/ **noun/ place name** 1 the North Pole and large air, land and water masses and the collection of individual Biomes, their life forms, cultures and time zones, located East of the Pacific Ocean and North of the 49th parallel and West of the loci of Greenwich, UK and Rome, on the planet **Earth**, circa. 30,000 BCE to 2012+ CE.. Ref: Natures Hand Company Alta. 2 "To know the Country ... you must canoe" Ref: PET. CBC 2011 3 Native origins, "kanada", village, community, home. Ref: CBC 1997

Church / noun/ place a building of Public Worship, from: The House of the Lord/Council

G O D/ Pronoun:? It would seem in my mind, that to properly define G O D, one would have to say., a kind of supreme supernatural entity, agency, force or creator; whose Love, meaning, omnipotence and glory is not expressible or reducible to mere words or concepts, but whom for convenience sake only, is referred to as G O D, Yahweh Or Tetragrammaton, YHWH

Life / noun/ everything living and alive that exists here and now

meaning / noun / means the significance, import and or quality something is defined, stated or given as having, in relation to or derived from something else

means / verb / means = to or equal to

psychedelism noun/ = Psyche = Soul, Delism = to show or bare or say (Gk)

Qur' an / noun: A book, message or laws, meant to be conveyed to all people. (see : The Prophet 570 AD/CE, The Qur'an, 34: 29)

stem cell / noun; an nonspecialized cell, e.g. in bone marrow, that gives rise to differentiated cells, e.g. blood cell. Embryonic stem cell = pluriipotent.

Sphereopedia/ noun: A source or book of general knowledge arranged in terms of originating and outward spheres

Time/noun: chronus= quantitative time, kairos = qualitative time

Truth/noun: see pg 135 & pg 141

See 1. Penguin English Language Dictionary
© 2007 Britain
2. Blacks Law Dictionary © 1995 USA

INTRO

EXECUTIVE SUMMARY AND SEMI-ABSTRACT

I have found in my time, that the way one looks at the world, tends to be the definition that one gives to and of that world, but which is the correct way?

Each of us perhaps has to form their own way thus of seeing the world given the information one is given in the course of life and thus this is an attempt to convey that seeing to others and to show the world as it appears to me.

I have done this by the telling of some simultaneous history and rendering it in a series of spheres and then sorting those spheres down into their basic components as I see them. I use it as a reference for the past and also a guide to the present and future.

I hope you will find it a useful tool in your shaping of your world view.

*Yours...
David Camelot
AB CA 2013*

Dedication to...

the past, the present and the future.

INTRO

INSPIRATION

"Bidden or not bidden, G O D is present ..." by Carl Jung (1875-1961), Germany,

1 December 2012, Saturday, Autumn, Dawn,

Hello Humanity and ?...

Just briefly, the story of this story is that it came from an urging of sorts in the mid 1980s from the hithers ?to kind of retell the telling of this Earth and men..... At that time I recall rejecting it somewhat, as being to momentous a task for one person and let alone one such as I, to task and do.... but it seems the urging persisted and persists at times still, to move forward with such. And then now, it seems a bit of a puzzle, A sphereopedia of story's and plans and such that require order and organization and thus that is what this foray into the work is.

I do somewhat like the telling now, at times, as it has a kind of cohesiveness and concinnity born of such a momentous work undertaken by so few and with so little and it does even thus, makes shades of sense from time to time. But what is The EARTH SPHEREOPEDIA, The Global Book of Green Laws? Well it is sort of semi-abstract local/Global Footing or Infrasphere or infrastructure and mitigator of sorts, in the Canadian, English language from a Parkland biome, Alberta, Canadian Perspective, of a transcendent spiral and trinity of the past, present and future, meant by the Universe, to perhaps build and mend the bridges between the generations of humans. At any rate, take it as you may and may it serve you well as it has on occasion served me such.

TODAYS PRAYER AND PLAN Then...

Oh, Great & Gracious Lord G O D Almighty, Greetings most high...

What would you have us, men Homo Sapiens Sapiens be and do on this huge blue ball of dirt, water, air, greenery and life this Day, Oh Good Lord?

Breathe in these chilled Northern Aires and feel the steady pulse of hearts eager and awaiting, while seated near the embered fires on woolen and cotton rugs in thoughts of clear, new Spring and fresh milk, bread, eggs, butter, jams and honey.

*Command us Good Heavens, that we may labor to thy Noble and Just cause and calling, to work and tend and care for these airs, waters and lands, to Thy craft and purpose good, well and beauteous, and to defend Thy flame and honor and mystery Divine.
Thus to Maintain the Global Temperature, and responsibly evolve,*

*To recleanse these Waters, To repurify these Airs, To revigor these soils,
To renew these Lifeforms, and find and know Love and Joy,
and To restore Our Hearts, Minds, Spirits and Hands
with 7 Billion strong of united passion, purpose and plan,
and leave this wondrous place better than we found it,
and so it begins, and so let it begin, Above, Below, to the North, East, South and West!*

*To REPLENISH THIS, THY AND OUR EARTH and Moon,
In the days and nights and Seasons Around Thy Glorious Heavens, Stars and Sun.*

*All the best
Your Servant and Friend,
Natures Hands
Mr. David Edward "Ed" Camelot
2012 CANADA*



the ancient story of creation and its evolution. 2013.

by humanity

Before the beginning, before 13.7 billion years ago, there was nothing and it stretched past infinity. And nothing was God, or God which was nothing, gave birth to himself, and he stretched to infinity, and it was okay.

Then one day, before there was any time or place, God thought and thought cause he wanted to create something, something basic, good and wonderful. So then about a million years later God exclaimed 'eureka' , i'll create a simple element and call it... hmm ? Hmmdrogen hm no hydrogen, i'll call it hydrogen, yes and so he sat at his creation design desk and came up with hydrogen's design and properties and when done he waved his magic hands, reached into his magic bag and sprinkled magic dust here and there and said the magic words and sasam, infinity was filled with hydrogen and it was more than okay it was great.

And God was just so tickled about it, that he said 'this calls for a smoke', so he pulled out his pipe and matches and organic tobacco and leaned back to enjoy his 2nd creation after himself, hydrogen. As he was lighting his pipe there was this huge big bang and explosion ... And the rest is history.

The beginning had begun.

A natures hand production by ed. (c) 6am mst 21 dec. 2013, ab ca na earth.

Green NEEDS and Actions

K. Global Spheres/Systems Biome Needs and Parameters Audit/Census 2007

RE: COMPLEX EVOLUTION 2012 EARTH

I wonder what is guiding evolution here on the planet Earth and if the process is more complex than previously thought. Take for instance the evidence of the extinction of some of the super predator species of old, which in itself throws cold water on and goes against the notion of the survival of the fittest.

So thus are there other factors at work perhaps than a simple over arching principle? Factors like the hand of G O D say and intelligent design or pure and random chance and mutations or too as well, powerful environmental forces like climate and weather and galactic collisions.

Rightly enough then, as it is difficult to say at times why some species have survived when they perhaps shouldn't have and while others which became extinct when logically they shouldn't have but its thus not enough to say survival of the fittest then can account for all such. And of saying to that maybe not God being the outside agency at times but say an occasional deliberate or random encounter with an alien intelligence or species.

So then in the Earths evolutionary process there are likely more factors involved in such and it is a more complex rather than simple thing than previously though and you have therefore as follows a breakdown of the following possible emerging factors

POSSIBLE FACTORS AND PERCENTAGES EFFECTING EARTH LIFE'S EVOLUTION OVER THE LAST 2.4 BILLION YEARS

25% CREATION/BIG BANG/GOD or intelligent design

20% NATURAL SELECTION, SURVIVAL OF THE FITTEST

15% ENVIRONMENTAL FACTORS. CLIMATE/WEATHER/FLOODING/DROUGHT/DISEASE AND EARTHQUAKES/VOLCANOES/METEOR STRIKES/SOLAR OR GAMMA EVENTS/GALACTIC COLLISIONS

10% RANDOM CHANCE AND MUTATIONS

10% CONSCIOUS EVOLUTION

10% SUPER PREDATOR SELF DESTRUCTION'S

5% ALIEN INTERVENTIONS

5% OTHER

TOTAL = 100%

This thus is probably the case with a 1/75 probability or close to it, as life on Earth is far to complex and diverse to be accounted for by just one of the above factors alone.

(c) 28 Sept 2012 CANADA

NEEDS

The Lord answers Job...
“Where were you when I laid the foundation of the earth? Tell me,
if you have understanding. Who determined its measurements- surely you know?”
Job 38.4 – 38.5 Holy Bible

Perhaps Nature thus has free will too!

Oct 2012.

$1 + 1 = \text{Result}$

$1 + 1 + \text{time} > 2 = \text{biological mathematics}$

LIFES' MEANING

The meaning and or purpose of Life,
is to enjoy and enhance the passage of NOW.

AND IT WAS SAID TO BE SAID THAT:
*“And over the Seasons, Time, Space and Energy...
That Creation, it did evolve...”*

And it was mostly Good and Okay!

Amen”

***World System Theory
by Immanuel Wallerstein***

Regenerative Sustainability, Regenerative Design

*John T. Lyle (1934 - 1998)
William McDonough (Cradle to Cradle, 2002)*

NEEDS

RE: THE GAIA METRIC: GLOBAL CO-DEPENDANCE 2012

I suppose, human society well knows its current path of excessive consumption and overactivity is a path to self destruction, but like any addict doesn't know or care to change, even upon seeing fellow addicts dead in the ditch. Thus in the exercise of free will, humans feel it is within their right to chose the path of death and extinction and thus then is called progress and civility. Still us all being ever the shocked when this prize we seek strikes to close to home ie: 2011 japan tsunami, 2005 Katrina and 2012 Sandy storms and 2004 Indonesia quakes,

We can extrapolate though thus that unchecked humanization of the Earth though is not compatible and is in conflict with many of the ages old natural forces and systems of the planet and has as the outcome of placing both in jeopardy unless some middle way, ground and measures can be found and soon.

Men thus must not only gauge our success by measure of ourselves but in keeping as well with the well-being and measure of our host and provider, Nature.

The metrics though of measure for the human world are the economy but such alone is insufficient to the task before us, as what are the metrics and measures for the healthy natural worlds success but its continued health, existence and future.

Yet humans society seemingly profits at the expense and detriment of the natural one eroding ultimately human well being in the long term process and thus properly considered , true benefit and measure of such ie; the Gaia metrics, would include both human and natural well being and health metrics and scales as one largely codependent or interdependent whole.

For as goes the planet so goes humanity but it is insufficient though to simply articulate our positions or concerns without providing as well the or a means or device for its mitigation and implementation and we thus cannot only limit the impacts and measures of our activities, devices and tech to singularities and actions in the luxury of an endless open system but in keeping with our fixed planetary reality must consider and multiply our such by a factor of 7 billion (total humans) to get the true picture of our and suchs potential impact. Thus then to truly benefit and blossom in this now, we must do our due diligence to ourselves and our Earth.

30 nov 2012 earth

NECESSARIES: An article which a party actually needs. Things indispensable, or things proper and useful, for the sustenance of human life. Necessaries include food, drink, clothing, medical attention, and a suitable place of residence, and they are regarded as necessities in the absolute sense of the word. However, liability for necessities is not limited to articles required to sustain life, but at times goes further. (Also attention/affection, light, rest, air, warmth, potty, exercise, privacy, minimum money (income/wage), quiet, and *night/darkness*)



PERPETUAL CALENDAR.

SHOWING THE DAY OF ANY MONTH CORRESPONDING TO ANY DAY OF THE WEEK,
FROM THE YEAR 1775, TO THE YEAR 2025.

EXAMPLE.—Find 1848 among the years; next look to the right for August, then downwards, in the same column, and opposite Sunday to the left, you find 27th day of the month.

YEARS.					MONTHS.								YEARS.				
1775	1809	1837	1865	1893	Jan'y	May.	Aug.	Feb'y	June.	Sept.	April.	1905	1933	1961	1989	2006	
1786	1815	1843	1871	1899	Oct.			Mar.		Dec.	July.	1911	1939	1967	1995	2017	
1797	1826	1854	1882					Nov.				1922	1950	1978		2023	
1792	1804	1832	1860	1888	Jan'y	Oct.	May.	Feb'y	Mar.	June.	Sept.		1928	1956	1984	2012	
1781	1810	1838	1866	1894	April.	Jan'y	May.	Aug.	Feb'y	June.	Sept.	1900	1923	1951	1979	2001	
1787	1821	1849	1877		July.	Oct.			Mar.		Dec.	1906	1934	1962	1990	2007	
1798	1827	1855	1883						Nov.			1917	1945	1973		2018	
1776	1816	1844	1872		Sept.	Jan'y	Oct.	May.	Feb'y	Mar.	June.	1912	1940	1968	1996	2024	
1777	1800	1823	1851	1879	Dec.	April.			Aug.	Nov.							
1783	1806	1834	1862	1890	June.	Sept.	April.	Jan'y	May.	Aug.	Feb'y	1902	1930	1958	1986	2003	
1794	1817	1845	1873			Dec.	July.	Oct.			Mar.	1913	1941	1969	1997	2014	
											Nov.	1919	1947	1975		2025	
	1812	1840	1868	1896	Mar.	June.	Sept.	Jan'y	Oct.	May	Feb'y	1908	1936	1964	1992	2020	
					Nov.		Dec.	April.			Aug.						
1778	1801	1829	1857	1885	Feb'y	June.	Sept.	April.	Jan'y	May.	Aug.	1903	1931	1959	1987	2009	
1789	1807	1835	1863	1891	Mar.		Dec.	July.	Oct.			1914	1942	1970	1998	2015	
1795	1818	1846	1874		Nov.							1925	1953	1981			
1784	1824	1852	1880		Feb.	Mar.	June.	Sept.	Jan'y	Oct.	May.	1920	1948	1976		2004	
					Aug.	Nov.		Dec.	April.								
1779	1802	1830	1858	1886	Aug.	Feb'y	June.	Sept.	April.	Jan'y	May.	1909	1937	1965	1993	2010	
1790	1813	1841	1869	1897		Mar.		Dec.	July.	Oct.		1915	1943	1971	1999	2021	
	1819	1847	1875			Nov.						1926	1954	1982			
1796	1808	1836	1864	1892	May.	Feb'y	Mar.	June.	Sept.	Jan'y	Oct.	1904	1932	1960	1988	2016	
						Aug.	Nov.		Dec.	April.	July.						
1785	1803	1831	1859	1887	May.	Aug.	Feb'y	June.	Sept.	April.	Jan'y	1910	1938	1966	1994	2005	
1791	1814	1842	1870	1898			Mar.		Dec.	July.	Oct.	1921	1949	1977		2011	
	1825	1853	1881				Nov.					1927	1955	1983		2022	
1780	1820	1848	1876		Oct.	May.	Feb'y	Mar.	June.	Sept.	Jan'y	1916	1944	1972		2000	
							Aug.	Nov.		Dec.	April.						
1782	1805	1833	1861	1889	Sept.	April.	Jan'y	May.	Aug.	Feb'y	June.	1901	1929	1957	1985	2002	
1793	1811	1839	1867	1895	Dec.	July.	Oct.			Mar.		1907	1935	1963	1991	2013	
1799	1822	1850	1878							Nov.		1918	1946	1974		2019	
1788		1828	1856	1884	June.	Sept.	Jan'y	Oct.	May.	Feb'y	Mar.	1924	1952	1980		2008	
					Dec.	April.	July.			Aug.	Nov.						
DAYS OF THE MONTH.					DAYS IN EACH MONTH.												
1	8	15	22	29	Sun.	Mon.	Tu.	Wed.	Thur.	Fri	Sat.	Thirty days hath September, April, June, and November; All the others have thirty-one, Except the second month alone, Which has twenty-eight in fine, Till Leap-Year gives it twenty-nine.					
2	9	16	23	30	Mon.	Tu.	Wed.	Thur.	Fri.	Sat.	Sun.						
3	10	17	24	31	Tu.	Wed.	Thur.	Fri.	Sat.	Sun.	Mon.						
4	11	18	25	—	Wed.	Thur.	Fri.	Sat.	Sun.	Mon.	Tu.						
5	12	19	26	—	Thur	Fri.	Sat.	Sun.	Mon.	Tu.	Wed.						
6	13	20	27	—	Fri.	Sat.	Sun	Mon.	Tu.	Wed.	Thur.						
7	14	21	28	—	Sat.	Sun.	Mon.	Tu.	Wed.	Thur.	Fri.						

* All those years which are on a line, and opposite the Asterisk or Star, are Leap Years.

NEEDS

THE ESTATES OF MAN



The Machine of Humanity 2012



The Body of Humanity 2012

The Economy, Time and Energy Matters

Sometimes more than money, people and life forms and things need time or energy to perform in a healthy and harmonious and right manner.

People should thus budget time and energy much as they budget money.

Sometimes less money can be given if more free time is given to some in order to perform their lives and or jobs more in keeping with a healthy, harmonious, melodious, good and orderly way.

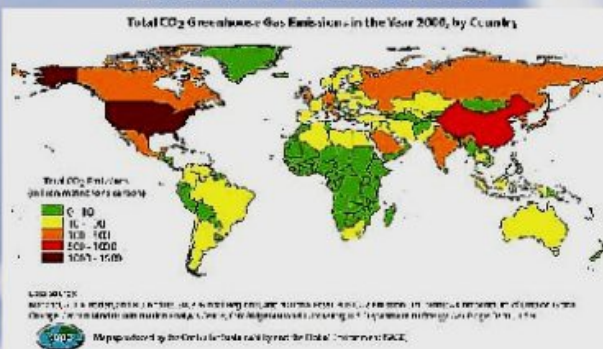
NEEDS

Global Systems Audit #1, for Earth. Completed April 2007.

1. The Biomes



2. Green House Gases



3. The First and Current Nations



4. The Population Density



5. Developed Status



6. Time Zones



NEEDS

RE: GLOBAL SYSTEM DEPENDANCIES 2012

Well from a scientific and quasi-medical perspective, in regards to the dependencies and relationships between the Earth Systems and Spheres, while the Earths biosphere (life systems sphere) is dependant upon the hydrosphere (water) and geosphere (plates and rocks and magma) below, the more evolved and structured anthroposphere (global human system) the system above, is dependant upon the biosphere or system below. Such seems though, to be a globally lagged, latent and delayed dependancy, meaning generally, that most likely by the time that most damages to the biosphere, by whatever cause or reasons, became apparent or overt, globally or at various locals, it would be to late for most of the anthroposphere to do anything much to counter such to retain a norm. Such in the way, that the human disease of syphilis, shows little outward signs until it is highly progressed, even though, to some experts there might be may occult warning signs or tests of concern about these. These damages then, if severe enough could result in the harm, disability, or even death of the planet Earth, to a planet Mars like condition, with its apparent lack of life and little but a highly concentrated and cold mostly CO2 atomosphere. Thus if the human anthroposphere is insistent in its oft disregarding of the needs and norms of a healthy biosphere and hydrosphere for that matter, it does so now, at its own risk and eventual peril or demise.

In terms of the mechanisms of the atmosphere surrounding all of these systems below, such seems even more complicated, complex and fragile than the others and it is interdependantly intertwined and woven into the workings of all of those spheres below. The real affects to such by changes from and to below thus, are difficult to ascertain but would most likely involve one or more conditions and or ranges of greater climate and weather instability, at seemingly random and growing locations around the Earth, as we seem to be witnessing and experiencing recently in the last few decades. These abnormal conditions, strongly suggesting a growing need for the human anthroposphere to be more cognizant and responsive of its effect and activity on the other spheres of the Earth, possibly by some kind of global sensory array, in order maintain overall planetary health.

2012 18 September

RE: GLOBAL UNIFYING CONCEPT/THEORY 2012

The Temporal Pangaea II Standard

Engineer, Canada's' Sir Sanford Flemings, standard global time zones, implemented by the International community on Earth, around 1890, was perhaps, an example of a practical unified theory or concept. This excepting however, that it was quite over-simplistic, as it did not take into account or measure or consider, the varied hydrological, biological (& cultural) and climatic etc., diversities and realities of then or now, found in the 24 times zone of the Earth, it executed and effected.

Given that then, though, if these such, were now, to be reincorporated and included into the time zones, in and by some kind of factual bio/clim/hydro/time (24) ac: (BCHT Zone) zone synthesis and standard model, then such would most probably be a more fair, useful and representative tool, as a factual, realistic and actual on the ground means, measure and baseline of and for proper and good Earth and planet governance, stewardship and care.

Such might be called "The Temporal Pangaea II Standard" or simply "The Pangaea II Standard!"

NEEDS

OTHER REFERENCES

Bibliography Table (General References)

Year	TITLE	Author	Publisher	Place	ISBN #
2011	"Fixing the Game" economic reform in 21 st cent.	By Roger Martin	U of Ontario ©	CANADA	?
2011	Bioshelter, Market Garden,, A Permaculture Farm	by Darrell Frey	© New Society Publisher	BC., Canada,	# 978-0-86571-678-0
2000-2011	Prairie Farm Report TV show and Videos ?		© TV	Canada	
2000-2011	Financing and Alberta Mortgage Brokers Association				
2000-2011	Before you dig Alta Utilities Written and signed trades and contractors quotes	Ph 1 800 242 3447		Alberta	
2011	Construction Insurance ex. Phoenix insurance group	PH 403 309 3770			
2011	Workman's Compensation Board CPP and EI and Trades Tickets	PH 1 866 922 9221	www.wcb.ab.ca	Canada	
1990-2011	Building, Energy Standards , ISO 9000 ISO 14000 International Quality and Environment Standards		© LEED AND ISO	USA & EARTH	
2007-2011	Alta Building Code and APEGGA Alta association of Engineers	ph 1 866 415 8690			
2011	Manual of Construction Law,		© ICE (Institute of Civil Engineers)		Hard bound ISBN 978-07277-4087-8, ebook ISBN 978-07277-4174-5, \$240.00,
2010	"HARMONY"	by HRH, The Prince of Wales with T. Juniper & I. Skelly,	© A G Carrick Ltd.A Harper Collins Book	GREAT BRITAIN	# 978-0-06-173131-0
2010	"JLHudson Seeds"		©www.JLHUDSONSEEDS.NET	La Honda, California, USA	
2010	"The 2010 Natures Hand Compendium"	By David E. Camelot	By Natures Hand Publishing, ©	Canada	# 978-0-9868342-0-2
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J. ASTROSPHERE

CONTENTS

Definition atmosphere: noun 1. a mass of gas enveloping: a celestial body 2. the air or climate of a locality 3. a surround feeling or mood encountered in some environment

1. Astrosphere/Mars-Sphere/Astronomy	pg 18
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3. ISS, International Space Station	pg 32
4. CLIMATE	pg 33
5. Recent History	pg 47
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Re: Wise Life

An advanced planetary society would be wise to have a spaceship containing the planets species DNA, egg, sperm, and seeds in vaults or banks plus an on board library, archives, air, food and water stores and laboratory, designed, built, in orbit and on stand by, with an interplanetary ion propulsion system, and escape pods, in the event that the planet has to be evacuated in an emergency, or because of atomic war, novas/flares or meteors, volcanoes, tsunamis, weather events or earthquakes. It should have some basic defense capacity as well. On the other hand one can simply concede to go down with ones planet.

Re: Solar Neighborhood

Google and see chrome browser supported “100,000 Stars”

ASTROSPHERE

Voyageurs Prayer:

Lord, our God...

despite the joys or sorrows,

despite the pain or love,

grant us to venture forth in blessings,

grace and harmony, outside the sun system,

into the vast unknown, to discover and learn,

to share and understand, to experience and know,

you and your grand time and universe more

completely.

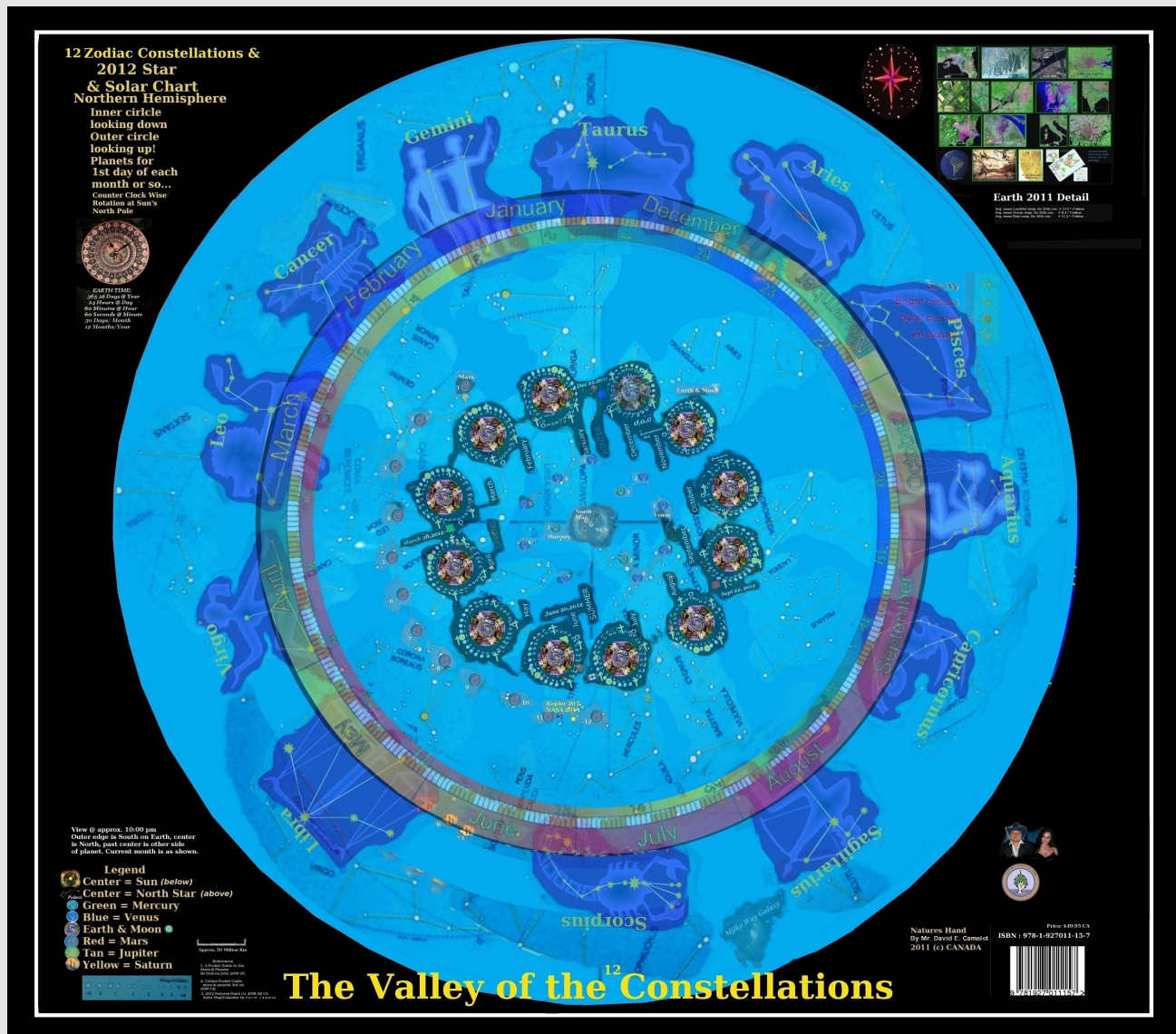
Amen.

On the advent of the Voyageur 1 space probe leaving the solar/apollo system on August 0f 2012

(15'cel., 2013, earthkind, the apollo system.)

THE ASTROSPHERE

2012 SOLAR SYSTEM MANDALA/MAP/CALANDAR



(Image = the 2012 solar star chart map calendar by David E. Camelot depicting the Northern Hemisphere Earth orbit for the year 2012 and moon phases and surrounding planets, stars and constellations in the heavens for the 12 months starting in December of 2011. © 2011 CANADA, NA. EARTH)

ASTROSPHERE

EARTH / SPACE TREATY 2011

TITLE

THE 2011 GABRIEL TREATY

*An Amiable Peace and Mutual Living Treaty/Agreement of and for
Earth and Earthlings to and with any and or
all Extraterrestrials or Aliens encountered from other Planets or
Solar Systems or Galaxies.*

PREAMBLE

*Made under the auspices of the Supremacy of G O D, and the general Earth rule and order
by Rule of Law and Justice and Proportional Democracy and applicable Now and hence
to Earths UN: United Nations of Earth, the UN Security Council, the International Criminal and other Courts, The G7 - G20
Nations, the Four Direction Tribes, All other Nations, Communities and Earthlings and to all and any encountered off Earth
Extraterrestrials and Aliens or other life forms from any other planets, solar systems, etc. etc...*

BODY

ARTICLE I. The Sovereign boundary of Earth, its space, light, warmth, its air, land, life, waters, Nations, Communities, Peoples and resources and the Earths outer space space territory, Sun and moons and planets is hereby claimed and established as and extends and includes from the center of the Earths sun to the Diameter of and including the Sun, the Earth, the Earths Moon, The planets Mars, Venus and Mercury are thus included.

See 2011 or 2012 Solar map calendar by Natures Hand, see page 210 = TITLE by permit of Now . July 2012 CA Earth

ARTICLE II A. All Nuclear Space Weapons are hereby by banned and production, storage and use made criminal by Earth and all others ,on account of their inherent repugnance's and their being a heinous affront to civil society and rule of law and justice and that they are inherently and ultimately known and regarded as weapons and inventions of assured mutual mass and self destruction.

ARTICLE II B. Treason or sedition against the EARTH AND ITS..., may result in the death penalty to them and those found guilty or pleading guilty to such.

ARTICLE III. Citizenship and visiting of the Earth or its space territory is a privilege and not a right. Max visit = 1 mon. or Max = 3 mons.. Alien or ET officers or officials might be considered for temporary limited status of diplomatic immunity.

See Canadian Law Digest Immigration Law for status reference on such.

ARTICLE IV. All ETs and Aliens and those returning to Earth s Territory from elsewhere and their technologies, foods, animals, medications etc. will be subject to scientific or medical examination and testing and protective outer wear may be required to be worn or quarantine may be required or such placed in custody and non use as determined. This is to assure that such as such pose no danger, threat or burden upon the Earth, its citizens, its Biosphere and temperature now or in the future.

ASTROSPHERE

ASTRONOMY

ARTICLE V. All Ets and Aliens must identify themselves and rank or title and the planet and ship of their origin and the time of their travel , as well as produce legible and understandable documentation or evidence as to such and request and possibly be granted and issued and carry a visitors permit or visa but may at any time be detained by authorities if required. As well ETs and Aliens must give 30 day notice of all their actions and must tell the truth in all their dealings and are not necessarily entitled to court access or protection of the Earth Laws and must disclose any past behaviors or actions that would be considered criminal, dangerous or burdensome on and to the Earth. And must be registered in the ETs/Alien Registry that should and will be set up in a secure place/city. Various Earth Nations might agree in advance to presponsor any ETs/Aliens that might be encountered.

ARTICLE VI. BANNED Persons, LIFE FORMS, SUBSTANCES, WEAPONS ETC. See Canadian Laws for reference

ARTICLE VII. Acquisition of land for an embassy only might be considered but would require a trustee or rep to be appointed or elected or a space ship or space station docked in orbit and would require permission to enter Earths Orbit and might be considered an embassy.

ARTICLE VIII. ENTITIES CANNOT BLOCK EARTH AND ITS LIFE FORMS AND TERRITORY FROM NORMAL AND NATURAL ACCESS TO ITS SUNLIGHT. Natural exception = eclipse.

ARTICLE IX. Parties party to this Treaty must come to Earth's assist and aid upon request or in times of defense and recruitment and or against aggressors or in wars and space wars or conflicts or in helping to and in assertion of Earth's Sovereignty in, for and to Earth's protection, conservation and sustaining of Earth and its Sovereignty and its territory/ies.

ARTICLE X. The UN Security Council and or the G 20, is considered the contact and proper representative and authorities, to discuss all pertinent ET and Alien matters, with NATO and NASA and its allies considered the enforcer and mitigator of such resolutions. With disputes resolved @ the Earth's International Supreme Court.

ARTICLE XI. ETs and aliens must disclose or make known, agents or instruments or sciences that may prove helpful and or harmful to the Earth and its territory though such info might be made classified to only Earth officials.

ARTICLE XII. ALL PARTIES TO THIS AGREEMENT CANNOT ENGAGE IN BIOLOGICAL, CHEMICAL OR TECHNOLOGICAL OR COMPUTER WARFARE, SABOTAGE, ESPIONAGE AND OR TERRORISM.

ARTICLE XIII. All alien foods, medicines, products etc. are subject to inspection and testing for health, safety and other concerns.

ARTICLE XIV. The official language of Earth/ET/Alien communication is hereby established and recognized to be English or simple arithmetic if needed, while on Earth or in Earth Space Territory. Interpreters or possible interpreters should present or volunteer themselves for training.

ARTICLE XV. ETs and Aliens must recognize and observe the Elected and Legitimate Authorities and Officers of Earths, Governments, Military, Police, Science and Religions and other such stations.

ARTICLE XVI. THIS TREATY IS TO BE RECOGNIZED ALONG WITH ANY AND ALL OTHER LAWFUL AND JUST LEGISLATION THAT APPLIES OR MIGHT APPLY TO THIS AND ITS SUBJECT AND OR SCOPE.

ASTROSPHERE

ASTRONOMY

ARTICLE XVII. ETS/ALIENS OR THEIR CREW MAY TAKE OR CLAIM LIMITED AND TEMPORARY REFUGE ON THE PLANET MARS FOR A MAXIMUM OF 10 YEARS FROM NOW AND OR ARRIVAL AND THUS FOR AFTER MUST MAKE OTHER ARRANGEMENTS.

ARTICLE XVIII. ETS/ALIENS Must be capable of supporting themselves and their crew and their dependents and must not pose or be a burden upon the Earth or the Earths system and territory and resources.

ARTICLE XIX. ETS/ALIENS will be required to take and pass a 3 month course and test on earth customs, laws, traditions history etc..

ARTICLE XX. In times of emergency or war or disasters, these considerations and conditions might be suspended and emergency act measures and provisions override, supersede and prevail or supplement.

ARTICLE XXI. BE IT NOTED TO ALL THAT THERE IS LITTLE OR NO TOLERANCE ON EARTH OR ITS SPACE TERRITORIES FOR TERRORIST ACTIVITIES OR ACTS.

ARTICLE XXII. DECEASED ETS/ALIENS MAY BE CONSIDERED FOR BURIAL AND OR CREMATION UPON EARTH BUT REMAINS MIGHT BE CONFINED TO MOON OR TO A RESTRICTED SECURE AREA ON EARTH.

ARTICLE XXIII. HUMAN AND ETS/ALIENS CROSS GENDER MARRIAGES MIGHT BE CONSIDERED AND ALLOWED BUT ONLY ON THE BASIS OF LOVE AND OR FRIENDSHIP OR AFFECTION AND NOT AS A MEANS TO CITIZENSHIP, FAVOR, POSITION, OR CONVIENANCE AND ONLY IF IT CAN BE DETERMINED THAT SUCH POSES NO OR LITTLE THREAT OR BURDEN TO EARTH, HUMANS OR EARTH LIFE AND SUCH MUST BE OFFICALLY REGISTERED AND APPROVED AND SOLEMIZED BY THE APPROPRIATE EARTH AUTHORITIES. PRENUPS ARE RECOMMENDED FOR SUCH AND ANY OFFSPRING WOULD BE CONSIDERED TO HAVE DUAL CITIZENSHIP TO THE PLANETS CONCERNED.

ARTICLE XXIV. IN GENERAL IT IS CONSIDERED THAT ALIENS HAVE NO OR FEW RIGHTS ON EARTH LIKE HUMAN RIGHTS UNTIL SUCH TIME AS THEY EARN THEM IN A MEANINGFUL AND DEMONSTRATIVE WAY AND IT IS ASSESSED OR RULED THAT THEY OR MOST ETS/ALIENS ARE AN ASSET OR BENEFIT IN GENERAL AND WHOLE TO THE EARTH AND THE SOLAR SYSTEM.

ARTICLE XXV. FOR MUTUALS SAKE ETS/ALIENS ARE TO BE ADVISED OF EARTH'S GENERAL BELIEF AND KNOWLEDGE OF NATURAL AND NATIONAL SELECTION, DNA AND EVOLUTION AND AS WELL TO THE OR A SPIRITUAL AND EMOTIONAL DIMENSION.

ARTICLE XXVI. ALL MONETARY AND FINANCIAL VALUES, EXCHANGES ETC WITH ETS/ALIENS WILL BE CALCULATED WITH REFERENCE TO THE CURRENT VALUE OF FINE SILVER . 1 TROY OUNCE = \$34.95 CANADIAN.

ASTROSPHERE

ASTRONOMY

ARTICLE XXVII. ALL TEMPORAL VALUES/TIME WILL BE CALCULATED AND CONVERTED INTO EARTH VALUES AND TERMS IE.

1 YEAR = 365.26 DAYS,

1 DAY = 24 HOURS,

1 HOUR = 60 MINUTES

1 MINUTE = 60 SECONDS

1 SECOND = VERY SHORT TIME BUT MANY NANO SECONDS

1 DECADE = 10 YEARS

1 CENTURY = 100 YEARS

1 MILLENNIUM = 1000 YEARS

FIRST EARTH DATE RECORDED AND REFERENCED SAID AND CONFIRMED TO BE ABOUT AUGUST OF 3114 BC OR BCE (BEFORE COMMON ERA.)

PLANET EARTH AND SOL SYSTEM THOUGHT TO BE ABOUT 5 BILLION YEARS OLD,

ARTICLE XXVIII. With reference to Earth temperatures, ie hot, cold, warm, cool,

1. The temperature at which water H₂O boils is said to be 100 * Celsius

2. The temperature at which water freezes is said to be 0 * Celsius

3. The average temperature for the planet Earth for the 20th Century is said to be Air temp = 15.5* C, Ocean temp = 8.3 * C, Rain temp 11.2 * C.

ARTICLE XXIX. It is to be known and understood that by signing or sealing or stamping or fingerprinting this agreement/treaty that stated parties or representatives understand its meanings, terms and implications and consequences and agree to the stated terms and meanings of such. Any amendments, corrections or revisions to and from the original agreements must be noted and such and appended to such. And the recognized or preferred signatories of this agreement/document/evidence must be appointed or preferably known elected officials of the states or planet/s involved and thus speaking and consenting, as such for the informed and reasoning sample or majority of their respective state/planet.

CAVEAT

ARTICLE XXX. CAUTION. ALL ETS/ALIENS OR THEIR GOODS, TOOLS OR METHODS AND OR LIFE FORMS, WASTE, ETC. FOUND OR KNOWN OR THOUGHT OR PROVEN TO BE HAZARDOUS OR A THREAT OR UNDUE BURDEN OR DETRIMENT TO THE EARTH AND ITS LIFE FORMS AND ITS SPACE TERRITORY/IES MUST AND ARE TO IMMEDIATELY BE NOTIFIED OF SUCH, BANNED AND WARNED AWAY AND OFF AND OR AS TO HARMFUL AND DANGEROUS PRODUCTS AND GOODS ETC. IMMEDIATELY DISPOSED OF, AND OR SEALED, AND PROMINENTLY AND CLEARLY LABELED RADIOACTIVE ETC. AND PLACED OR BURIED IN SECURE CONTAINMENT AND A FAR AWAY AREA OR PLACE IE. MARS OR THE MOON OR FURTHER AND REGULARLY AND SAFELY MONITORED TILL THEY ARE THOROUGHLY AND COMPLETELY DISPOSED OFF AND OR RENDERED HARMLESS OR BENIGN AND OR ELSE RETURNED TO PLANET OR SYSTEM OF THEIR ORIGIN.

ARTICLE XXXI. ETS/ALIENS BREAKING OR CONTRAVENING THIS AGREEMENT AND TREATY, MAY, CAN, SHOULD AND WILL BE BANNED, IMPRISONED, FINED OR WORSE, UPON THE DETERMINATION OF THE FACTS OF THE MATTER, AND TRIAL, JUDGEMENT AND SENTENCING IF TIME PERMITS SUCH.

ASTROSPHERE

ASTRONOMY

CLARIFIER

**THUS FOR NOW AND HENCE ALL ETS AND ALIENS AND EARTHLINGS
UPON SIGNING OF THIS 2011 GABRIEL TREATY,
DO HEREBY AGREE TO BE SUBJECT, OBEDIANT AND COGNIZENT OF THESE AND BY
EXTENSION AND IMPLICATION ALL OTHER APPLICABLE CANADIAN AND INTERNATIONAL AND
COMMON EARTH LAWS UNTIL FURTHER NOTICE, REVIEW, AMMENDMENT AND OR DISCUSSION.**

**Note: Some of the conditions on aliens and ets might and may apply to human made humanoids
and robonauts.**

SIGNATORIES

David Edward Camelot

EARTH REPRESENTAIVE-----

???

ETS/ALIEN REPRESENTATIVE-----

G O D & Holy Spirit

WITNESS -----

DATE

2012 to..... 9:00 PM MDT, Sunday, 20 October 2013 CE/AD

PLACE

South West and North West Parkland Biome, Alberta, Canada, North America, Earth, Sol System

TEMPERATURE

8°C/24°C

REFERENCES

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2002 CE/AD: UNITED NATIONS PRICIPLES AND TREATIES ON OUTER SPACE, NEW YORK, USA, EARTH, ISBN 92 1 100900 6
1995 CE/AD: CANADIAN WESTERN DIGEST ENCYCLOPEDIA..... GENERAL LAWS OF WESTERN CANADA (C) 1995 CANADA
1967 CE/AD: Treaty on principles governing the Activities of States in the Exploration and Use of Outer Space, including the
Moon and other Celestial Bodies, UN (Gen Assembly resolution 2222 (XXI), annex)
1867 CE/AD: CANADIAN NATION CONSTITUTION 1867 CE/AD CANADA/ENGLAND
1700s CE/AD: TREATY OF PARIS, EUROPE
1611 CE/AD: THE HOLY BIBLE.....KING JAMES VERSION..... ENGLAND
1000 BCE/BC: THE TEN COMMANDMENTS BY MOSES..... MIDDLE EAST

*11, October, 2011, Tuesday, Red Deer, Alberta, Canada, North Americas, Earth,
Sol System, Milky Way Galaxy, 12 * Celsius, Autumn, Northern Hemisphere
9:00 AM Mountain Standard Time*

*1 day rotation + 4 minutes x 365.26 days + 1 day every 4th year = light days to align opposite solstices to clock noon.
BY CONCERNED AND EARTH CITIZEN AT LARGE*

THE ASTROSPHERE

RE: THE SIZE OF THE SKY of Earth: 2012

Well eureka, or so as the size of the sky of the planet Earth has finally be roughly calculated by myself, Professor Edly of the Parkland biome, as given that the distance to the Sun from Earth, is about 120 suns or about 12,000 Earths:

Then the size of the sky would be about or more than 500 Suns long by 500 Suns wide and about 100 Suns high or converted to earthspeak about 50,000 Earths long by 50,000 Earths wide and about 10,000 Earths high or so, and in 4 dimensions: times 365.26 days/year times 13.7 Billion Years!

Double check References

Diameter of Sun = <http://hypertextbook.com/facts/2004/AmyChan.shtml>

Distance Earth to Sun http://wiki.answers.com/Q/What_is_the_distance_between_Earth_and_the_Sun

Diameter of Earth = <http://geography.about.com/library/faq/blqzdiameter.htm>

Re: gold rush to mars 2012

well it could be gold..... as the likelihood of there being real gold on mars.... is probably better than 1 in 10..given it is of the same stuff basically as the earth..... but where one would spend it would come to mind .

Earth/moon Exoplanets

More than likely humanity would not find similar Earthlike life and conditions on other planets unless those planets also had a moon to cause the tides of and for its oceans, which is our and the mother of life here on Earth. So it would best be to concentrate our search efforts for life on exoplanets with a moon, though humanity and company could probably live on some other moonless planets if we adapted to such and if they had enough water.

re: asteroid space ships idea Dec 2012

well here's the idea.... instead of building a space ship from scratch, build it inside an existing asteroid or meteor or build a space ship in the form of a meteor. say 200 ft by 200 ft by 200 ft.... thus then one wouldn't need a force field to stop from hitting small objects in space you could build it, the space ship in the meteors interior and have periscopes and such and generate light and heat inside and have a gravitational centrifuge ring spinning in the core and have plasma engines and solar sail for solar systems travel..and a crude rudder and wings. and carve out a water tank section inside...and sealed air compartment.. and put the meteor in orbit around planets

THE MARS-SPHERE

PHYSICAL SCIENCES GEOGRAPHY MARS DATA AND FACTS 2013 CE

MARS: Planetary Data		
Mass	2.2×10^{25} tons	1.98×10^{24} kg
Volume	1.3×10^{13} miles ³	0.54×10^{21} m ³
Mean density	172 lb/ft ³	2,750kg/m ³
Equatorial radius	2,111 miles	
Polar radius		
Mean radius		
Mean circumference	12,500 miles?	
Total surface area		
Land area		
Ocean area	none	none
Mean surface gravity	16 ft/sec ²	4.9 m/sec ²
Mean atmospheric pressure at sea	0.1493 lb/in ²	0.0105 kg/cm ² =10.13 millibars or or 7.60 mm of mercury

MARS – Major Components	(tons)	(kilograms)
Atmosphere		
Hydrosphere (surface water)		
Biomass		
Oceanic crust		
Continental crust		
Mantle		
Core		
Total		

Mars Atmosphere 100x as thin as Earths.

ATMOSPHERE MAIN CONSTITUENTS	PERCENTAGE (by volume)	APPROX MASS (TONS)	APPROX MASS (KG)
Nitrogen (N ₂)	present		
Oxygen (O ₂)	present		
Argon (Ar)	present		
Carbon Dioxide (CO ₂)	Present 75%?		
Water (H ₂ O)	Present		
Carbon Monoxide (CO)	Present		
Neon (Ne)			
Helium (He)			
Methane (CH ₄)			
Krypton (Kr)			
Nitrous oxide (N ₂ O)			
Hydrogen (H ₂)			
Ozone (O ₃)	No Ozone Layer		

THE MARS-SPHERE

PHYSICAL SCIENCES

GEOGRAPHY

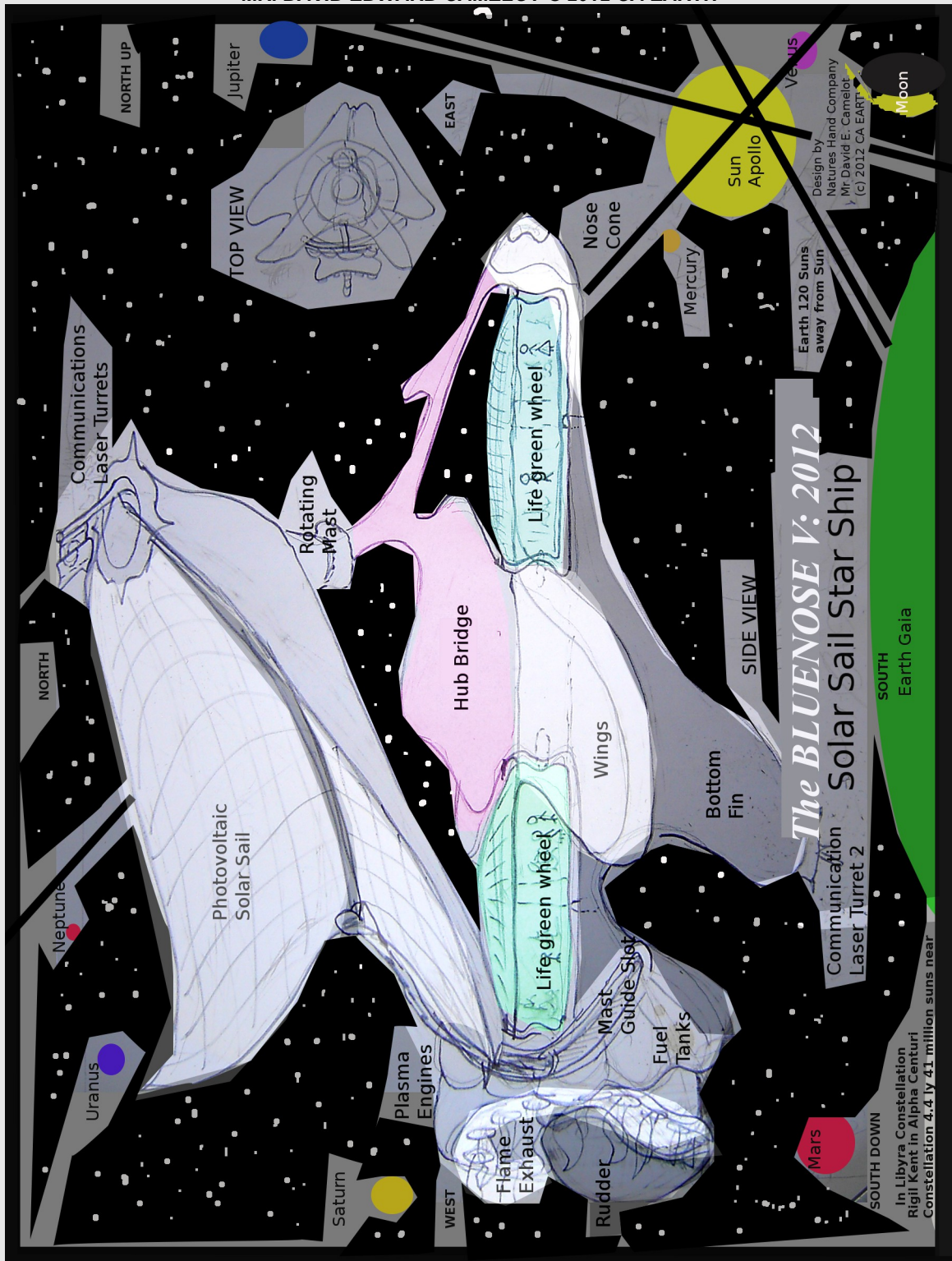
Mars Stats

SUBJECT	DETAILS		
Distance from Sun	142 million miles, 4 th planet from sun		
Diameter	4,222 miles, 2 nd smallest planet		
Water	Mars has ice caps and underground ice water, rivers and ocean perhaps 3.5 billion years ago		
Length of Day	24 hours 39 min 35 secs		
Seasons	4 Seasons similar tilt as Earth, seasons twice as long as Earth		
Length of Year	686.98 days, travels more slowly around sun than Earth		
Magnetic Field	No magnetic field because no flux movement between mantle and core.		
Gravity	Gravity 1/3 of Earths		
Wind	About 10km to 90 km		
Moons	2 moons, not round, Phobos 27 km, larger closer, Deimos 15 km.		
Rings	No rings		
Color	Red color from iron on dusty surface, 3 rd brightest planet in sky.		
History	Explored with telescope in 1877 by Italian astronomer Giovanni Schaparelli, Greek god of War, Roman god of farming and war, red/blood, March named after Mars, Legend has as father of Romulus and Renus Legendary founders of Rome		
Exploration	Would take 6 to 9 months to reach Mars, has had the most visits from Nasa probes, possible to terraform planet		
Atmosphere	Has no ozone layer, no UV protection, 100x times as thin as Earths, too thin for rain, has some thin clouds, carbon dioxide frost.		
Temperature	-130C above surface -60C on surface -125C at poles in winter 20 C at equator		
Surface	Northern half flat plains like Earth deserts, Southern half, many mountains and craters,		
Current	Currently has rovers & satellites		
Radioactivity	Higher than Earth, No Ozone layer		

Source: "Mars" By D. D. Keller and World Books Inc. USA (c) 2011 ISBN 978-0-7166-9536-3

THE MARS-SPHERE

THE BLUENOSE V 2012 SOLAR SAIL STAR SHIP
BY NATURES HAND COMPANY EARTH
MR. DAVID EDWARD CAMELOT © 2012 CA EARTH



Estimated start up, research, construction and testing costs \$6.5 Billion CA 2012 Dollars. 5 year development.
NOTE*** Eventually, if or when, the Earth becomes to hot or something else, in the next 200 to 1 Billion Years, some of Earth Life and Water may have to take sanctuary, via Solar Star Ships and Freighters, on Mars and then other Solar Systems, when and as the Suns time and life draws to a close.

THE MARS-SPHERE

The Planet Mars as photoed from the Curiosity Rover in Aug of 2012



REFERENCES

Year	TITLE and Pages	Author	Publisher	Place	ISBN #
2008	News Release for Water on Mars	NASA	NASA ©	USA	Nasa.gov
1979	Atlas of Mars, The 1;5,000,000 Map Series	R. Batson	NASA (c)	Wash, USA	Lib con 79-600164

THE ASTROSPHERE

RECENT HISTORY

Dyn Anthroposphere 225/360 |

45/360

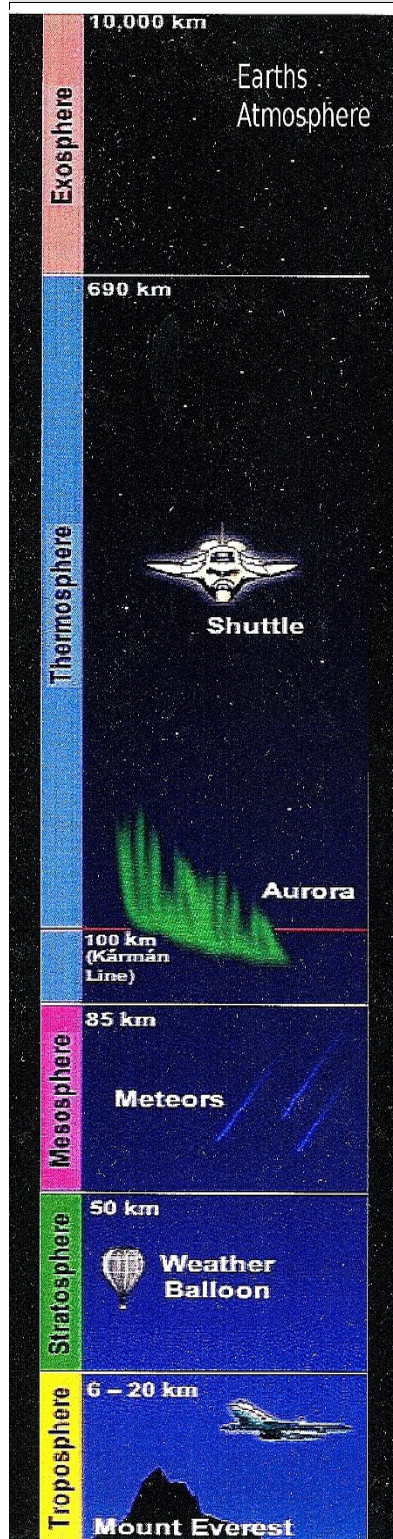
Year 2	Transportation, Oil	The G 20	The Avesphere	The Atmosphere	The AstroSphere
sudget Port	30/225	5/225	28/45	12/45	5/45
2011 AD/CE					
2012 AD/CE May					
2012 July					-Curiosity planet rover lands on Mars , 6 August 2012. Sunday, 26 August 2012, -Aug . Voyager 1 space probe probably has left the solar system.
2012 Sept					Curiosity rover reconfirms presence of water on Mars.
2012 Nov/Dec					
2013 Feb					
2013 June					
2013 Sept/Oct					

ASTROSPHERE

Astronomy

Definition: noun stars or the heavens, outer space, and "sphere"

Astronomy: SPACE & ROCKET SCIENCES



ASTRONOMY THE FUTURE REVELATIONS OF ST. JOHN :

At about **13,700,000,095** these words are extrapolated to have been said by **St. John** and later recorded from a vision he had had,

- "And the New Living Earth, Gaia, The Bride and Her Moon, were filled and bustling with the Glory, Love and Grace of G O D above, with clear, clean and fresh skies, rivers and waters throughout the four seasons and 12 months of the year, And there were pathways broad, winding and measured that stretched from and around the North, East, South and West of the Earth, And the 12 months of the year were named January, February, March, April, May, June, July, August, September, October, November and December.
- And there were 12 great Ecocities on the Living Earth, each of which were democratically ruled and governed, who and which each would steward the Ecozones of their two closest time zones of the 24 Time Zones of the Living Earth and each Ecocity was architecturally unique and as akin to the twelve signs of the Zodiac.
- And these great Ecocities were all sustainable, solar powered, with good public transit where alternately the heads of the many Nations of the Living Earth would meet regularly in one of the great Ecocities to participate in the governance, stewardship and sustaining issues of the Living Earth.
- And the Living Earth and its humans had extended the reach of the world into the Solar System and Galaxy in order to learn about, understand, discover the mysteries, wonders, and possible perils there of.
- And the Living Earths peoples and all of humanity and the generations came to care for, Love and harmonize with the Living Earth and learn from her of her fruits, natural medicines, greenery and flowers all through out the days of the four seasons and 12 months of the year.
- And a great value, importance and appreciation was developed and placed on clean, fresh and sustainable living water for all and by all as it became known to be one of the Living Earths most precious life giving and mysterious molecules and resources."

Notes:

(This is a rough extrapolation based on the writings of a vision given to Saint John as given to him possibly thru the Holy Spirit, while John was in exile on the island of Patmos some 2000 years ago, probably between 50- 100 AD or so, according and documented in the Book of Revelations in the New Testament of the Holy Bible. If one takes some of the wording as metaphor, new tongue and perhaps the inadequacies or shortcomings of the language of the time to describe or convey a dreamlike state or vision or a possible connection to the Earths Future, then there is a fair probability that there is a least some material substance and concurrence to these old words and text.) (Pat'mos): An island of southeast Greece in the Dodecanese Islands of the Aegean Sea. Saint John was exiled to the island c. A.D. 95 and according to tradition wrote the Book of Revelation here.)

ATMOS/ASTROSPHERE

The ISS, International Space Station, 2000- 2020 AD/CE



The International Space Station is a research and space lab and ship orbiting the Earth. It was founded on the earlier projects of Skylab USA and Mir USSR and became a joint international space endeavor begun to be built in Alpha Space Station in 2000, by the efforts of the space shuttles. Two of the space shuttles met mishaps in the realization of this good work and were retired in 2011. The space station construction was also dependent on the use of the Canadarms 1 and 2 built by Canada to construct the stations many modules.

The station became much popularized in 2012/13 when Canadian Commander and Musician Christopher Hadfield logged his time on the station with reports, sounds and excellent photos in the popular twitter, youtube and facebook internet feeds. He had over 600,000 followers following his daily exploits on the space station.

The Space Station has a limited functionality life and is set for decommissioning in 2020 after a 5 year extension. It is hoped it will be replaced with something equally of value to humanity and the world.



Space Station Mission 35 Crew, 2013



Discovery Space Shuttle

ATMOSPHERE

CLIMATE **CLIMATE/WEATHER, CLIMATE GOVERNANCE** Natures Hand Climate Change Report 2012

Global climate change data breakdown suggests the following factors leading to slight warming and climate instability of and on the planet Earth for and around the year 2012.

%	Description
35%	= Excessive CO2 gases, greenhouse effect due to fossil fuel and coal dependence by humanity
15%	= Ocean and water degradation and pollution, algae blooms due to phosphates, nitrates
13%	= Human over activity, over-consumption and overpopulation (+7 Billion) spurred by media and adverts (not allowing planet to rest and regenerate)
12%	= Rising temperature of global rains trying to cool planet down (effect of collective size of global auto = to nation of Denmark)
8%	= Normal volcanic activity (slight warming causing increased tectonic plate movements)
7%	= Increased radioactivity in atmosphere from satellites, microwaves, transmission towers, TV and radio broadcasts , wireless and nuclear energy wastes
5%	= Other (Possible friction, static or conduction caused by merging galaxies.)
3%	= Normal Earth temp cycle
2%	= Normal Solar temp cycle
=	100%

Global Temp Data

Avg mean land temp for 20th century	= 15.5 * Celsius
Avg mean ocean temp for 20th century	= 8.4 * Celsius
Avg mean rain temp for 20th century	= 11.2 * Celsius

Results

Roughly .4 to 1.2 * degree Celsius general rise from previous century (greatest temp change in 50,000 years according to ice core sample data)

Causing some places for the seasons to be one month late in terms of temp and moisture conditions, increased flooding, hurricanes, tornadoes, snowstorms, rainfall, ocean rise, Pole meltdowns, island sinking's, increased droughts, earthquakes, insect and pest infestations, increased wind speeds, increased humidity, variable and changing crop conditions and yields, famines and human obesity,

Methane

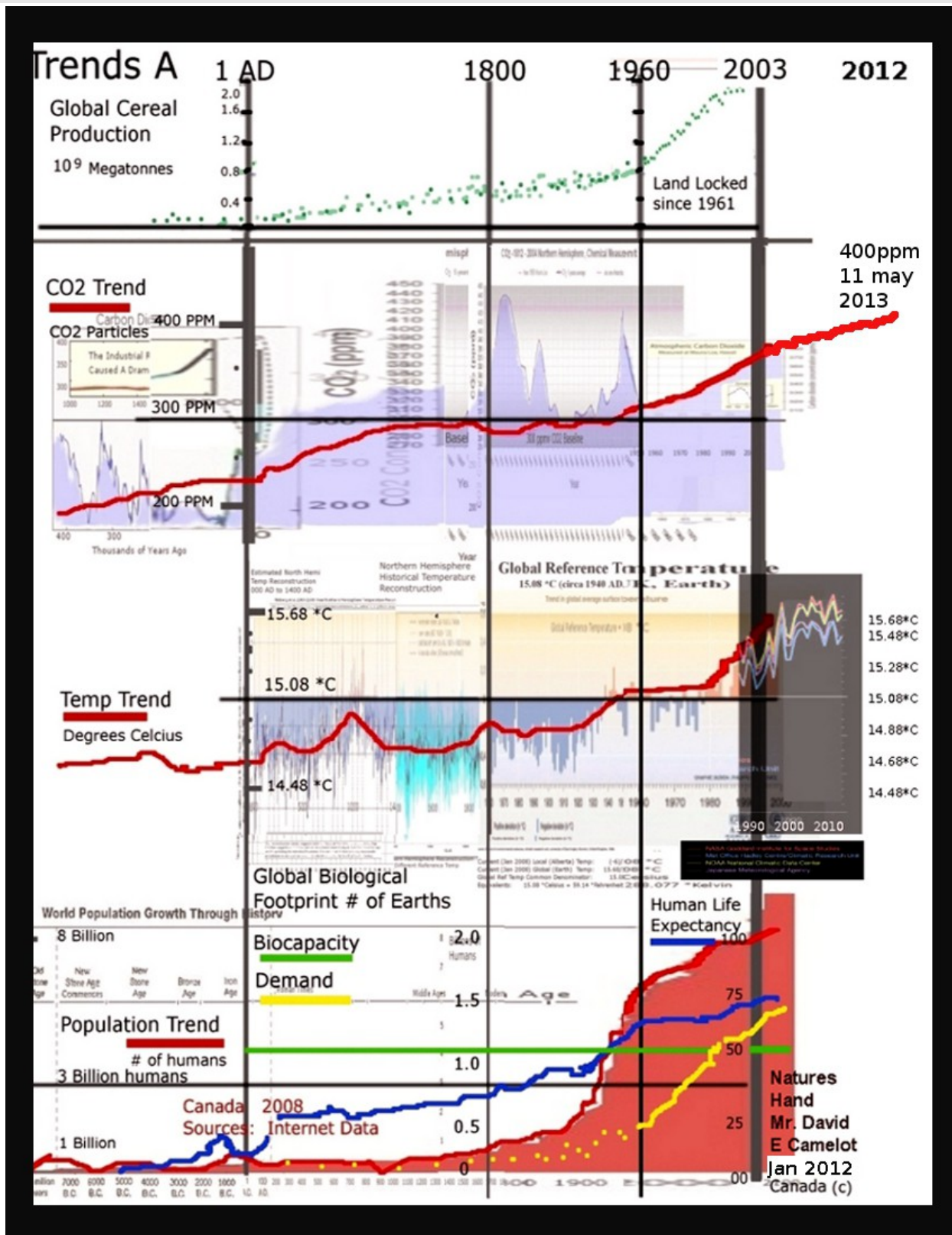
Methane, a greenhouse gas, concentration is rising due to warming from 800 ppb to 1600 ppb since the 1980s, so in order to address to concerns, it might be possible to compress methane and use as a fuel & thus have energy from it without its greenhouse gas danger but its combustion also produces concerns and gases.

Possible Remedies

Less dependence on fossil and nuke fuels, more walking, public transit and bikes, conversion to renewable energies, more energy conservation and efficiencies, increased design efficiencies for humans vs cars plus (ie. thermal mass, passive solar, geothermal) less overall pollution and chemicals, Less human over activity and consumption, human population cap, more rest time for planet, energy rationing and budgeting. Implementation and use of Gravity up feed water dams and different grades of electrical power ie: dirty (108 Volts), clean (112 Vs.), mixed (110 Vs.) and less use of air conditioning that creates a vicious cycle effect when using coal generated electricity and implementation of 5% carbon tax and clean energy use subsidies. Temp lowering possible by 2100 AD.

References 1960 to 2011

- UN climate change reports
- International Weather Reports
- International Gov Reports
- Media Reports and General Observations
- Wikipedia



1 AD

Millions of cars
1900-2003

Number of Automobiles in World

Year	Millions of cars
1900-2003	~600

Terawatts

1965-2005

Global Water
Consumption
by region,
billion m³ per year
1900-2003

World Meat Production
1961-2004

Kilograms per person
Industrial above
Developing below

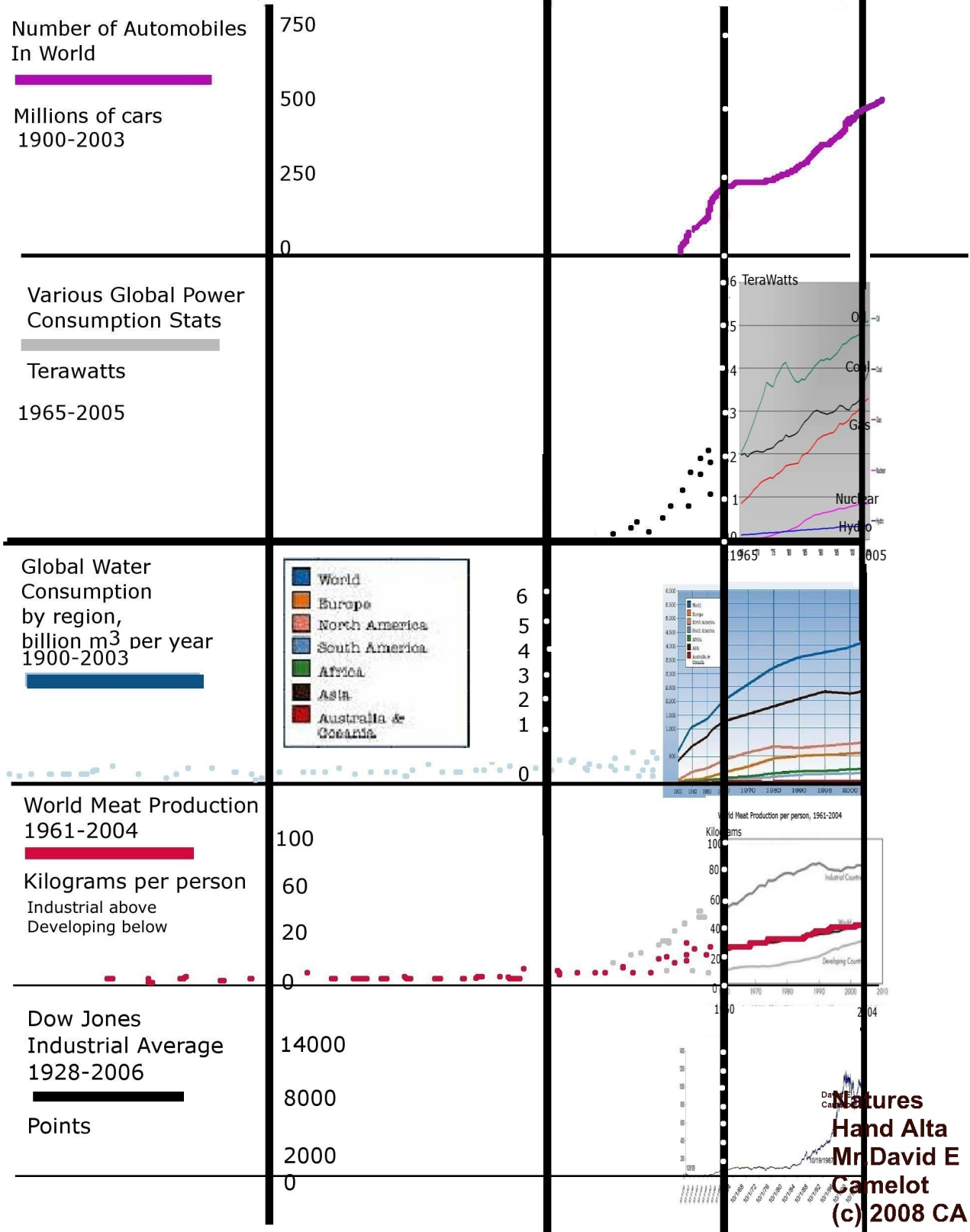
Dow Jones Industrial Average 1928-2006

Points

1800

1960

2003



Well, global warming is the logical outcome when vast amounts of energy (Tera watts) is being used and heat and CO2 consequently generated, to cool large areas of the planet. It creates an overall warming vicious cycle, as it is said most of the coal generated electricity used in the USA is used for cooling. Not sure of the numbers but might be for each degree of attempted cooling of 1 sq mile, 1.5 degrees increase in temp. is produced over 2 sq. miles. Although don't quote me on that but physics wise it seems thermodynamically easier to heat than to cool at the planetary level. Better insulated and air tight buildings or folks just moving to cooler places would be a offset.

As well heat and CO2 is produced and rain and ocean temp is increased trying to cool the engine of the Denmark sized automobile (size of the collective car the worlds 700 million cars and trucks would make if made into one vehicle).

This seems to have resulted in an average global warming over the last 100 years of say 0.5 degrees and increasing exponentially every 25 years. Projected temp for 2100 is between 2 to 4 degree increase. or about 18* Celsius globally.. with temperature not cooling till then if all methods of heat and CO2 reduction were employed today.

USA: Table 8.21 Electricity Net Generation: Total (All Sectors), Selected years, 1949-2010

(Sum of Tables 8.2b and 8.2d: Billion Kilowatthours)

Year	Fossil fuels	Nuke	Hydro store	Renewable	other	Total
1949	201.0	0	+	95.2	na	296.2
1970	1,261.5	21.8	+	251.8	na	1535.1
1990	2,103.6	576.9	-3.5	357.2	3.6	3037.8
2010	2,880.7	807.0	-4.1	425.2	11.3	4,120.1

References

NASA, Media ,U.S. Energy Info Admin annual review 2010

re: Climate warming rate 2013

The current concern is not that the climate is warming but the rate of the warming generally warming and cooling take place over 1000 or 10000 or 100000 year periods the current rise of about 2* C has occurred in less than 100 years.... equivalent only to the 7 or so times of mass extinction events ie: meteor super volcanoes.

COPENHAGEN ACCORD 2009

See temp and trend graphs page 195 and 196

CONFERENCE OF THE PARTIES

Fifteenth session

Copenhagen, 7.18 December 2009

Agenda item 9a

High-level segment

The 2009 Canadian Green Accord

(Because verification is moot if there are no stated targets to verify)

D. E. Camelot (C) 2009

Winter Solstice

Draft decision -/CP.15a

Proposal by the Presidents
and Canada

Based on Copenhagen Accord Rev 3

The Heads of State, Heads of Government, Ministers, and other heads of
delegation present at the United Nations Climate Change Conference 2009
in Copenhagen,**Re: Human/Global Thermo Formula**

Well if one human = H and a large number of human population = P and over activity and tech process, warming coefficient = C, is with 99% certainty causing 68% the effect of global warming @ 2* C over 100 years = T, due to upsetting and causing the global thermostat or hypothalamus to malfunction, then a logical solution would be to cap human population and activity and reduce green house gases to result in a slowing and stabilizing of the warming and temp.

$$H + C \times P = T$$

$$1 + ? \times 7 \text{ billion} = 2^{\circ}\text{C}/100 \text{ years} \times 68\% \times 99\%$$

Natures hand com Alta (c) 2012 EARTH

ATMOSPHERE PREAMBLE

CLIMATE

SUSTAINABLE GEO-FARMING

Definition (modified from Wikipedia 2009)

"Geo-farming is the idea of applying planetary farming to Earth as a whole. Geofarming would involve the deliberate tending of Earth's environment on a large scale "to suit life form needs and promote habitability".[13] Typically, the term is used to describe proposals to counter the effects of human-induced climate change. However, others define it more narrowly as nature-integrated farming projects.[14] The term Geo-farming is distinct from environmental damage and accidental anthropogenic climate change, which are side effects of human activity, rather than an intended consequence. The global recovery of hydrocarbons from the subsurface using integrated geoscientific and engineering technology has been termed 'petroleum Geoengineering' as an undesirable over-activity with global impact.[15]. Definitions of the term are not universally accepted.[16]"

We, humanity, as a whole, would seem to be exploiting, destroying and transforming our finite habitat/environment, for our own questionable advantage and purpose and not necessarily, to make our habitat better but simply, it would seem, to make it more suited to the current human whim and design. It is largely incompatible and inconsistent though, to what and that which preceded it and therefore rather illegitimate and unsustainable in terms of natural laws and considerations.

Thus and then, if we, Homo Sapiens Sapiens, are to remain a viable and symbiotic species of this Earth, we must admit that our current over activity has a destructive effect on our host, and is effectively killing the land, lands, airs and waters that feeds us. Surely, if we are truly "a wise ape", we can exhibit and effect a more enlightened approach to our global existence, and stay within our "biocapacity."

One such relatively new approach to this problem and challenge thus is the development of the field of "Geo-farming". A field which attempts to address global development as a unified whole along with natural and appropriate technology and appropriate and responsible amounts, kinds, and rates of human activity.

Thus and then, this current meeting in Copenhagen, Denmark in December in the year of our Lord 2009, of some 170 or so world leaders, might thus constitute the inaugural event or occasion of a sustainable and global Geofarming initiative and prospectus, if we, humanity, have the will with all, will and compass to make it so.

In short then, as the planet and Earth goes, so goes Humanity.
So be it.

A Canadian Citizen

ATMOSPHERE

CLIMATE

The Elders' Letter to World Leaders

27 November 2009

We, The Elders, are writing to encourage you personally to attend the talks and ensure that the outcome is an ambitious, fair and effective deal that leads to a legally binding agreement in which countries:

- *Agree to a 2 degree Celsius target as the outer limit of global temperature increase that humankind can tolerate;*
- *Agree that global greenhouse gas emissions must therefore be reduced by at least 50 percent by 2050 to stop further global warming;*
- *Agree that developed countries must commit to emissions cuts of 25-40 percent by 2020, and 80-95 percent by 2050, relative to levels in 1990 – and establish national mid-term targets that are binding, measurable and verifiable;*
- *Agree that all countries around the world should develop low carbon growth plans, which allow them to plan for the transition to sustainable low carbon prosperity;*
- *Agree that the big emerging economies limit their emissions through national action plans that are measurable, reported and verifiable;*
- *Agree to provide immediate large scale, predictable, adequate and additional funding for adaptation as well as mitigation, including reductions in emissions in forestry, agriculture and other land-use sectors in developing countries;*
- *Agree that industrialized countries – governments together with the private sector – will provide the majority of financial support (estimated to be at least €100 billion per year by 2020) to help developing countries – particularly the poorest and most vulnerable – to achieve to low carbon growth and adapt to the damaging effects of climate change that are already taking place;*
- *Agree that developing countries, particularly the poorest and most vulnerable, receive technological and capacity building support to facilitate access to funding and action on adaptation and mitigation;*
- *Agree on a process to review periodically the latest science and the early learning from the Copenhagen agreement to adjust our global and national targets, actions and funding accordingly.*

A few weeks ago, as you can see from photographs posted on www.theElders.org, we joined forces with thirteen of our grandchildren from Asia, Africa, Europe and the United States to remind the world of the risks of climate change to future generations. Like all young people, our grandchildren expect today's leaders to take responsibility for delivering a low-emission, sustainable future: one that requires shared commitment, based on common but differentiated responsibilities. The agreement reached in Copenhagen must have climate justice at its heart.

ATMOSPHERE TRUDEAU QUOTE

(1993 AD)

Trudeau said:

" When all is said and done, the Canadian federation presupposes that, over and above our respective neighborhoods, towns, cities, and provinces, Canada is considered to be the homeland of all Canadians. To avoid making a clear choice as Canadians (rather than as members of this or that province or city) by choosing to have feeble federal institutions would be to condemn ourselves to collective weakness in a world that will not be kind to nations divided against themselves. A country, after all, is not something you build as the pharaoh built the pyramids, and then leave standing there to defy eternity. A country is something that is built every day out of certain basic shared values. And so it is in the hands of every Canadian to determine how well and wisely we shall build the country of the future."

Pierre Elliot Trudeau | Memoirs | 1993

Reference: Trudeau Albums, 2000,

By Otherwise Inc. Editions

Published by the Penguin Group

Page 150, ISBN 0-670-89293-9

CLIMATE

2008 ECO FOOTPRINT And Green House Emissions DATA

Definition

The ecological footprint is a measure of human demand on the Earth's ecosystems. It compares human demand with planet Earth's ecological capacity to regenerate. It represents the amount of biologically productive land and sea area needed to regenerate the resources a human population consumes and to absorb and render harmless the corresponding waste.

For 2008

Eco Footprint Greenhouse Gas Emissions

Average World Eco Footprint 2.75 global hectares Greenhouse Emissions 10

Metric Tonnes per person

Average Qatar Eco Footprint ? Greenhouse Emissions 56.2

Metric Tonnes per person

Average USA Eco Footprint 9.2 global hectares Greenhouse Emissions 24.0

Metric Tonnes per person

Average Canadian Eco Footprint 7.1 global hectares Greenhouse Emissions 22.9

Metric Tonnes per person

Average Calgarian Eco Footprint 9.4 global hectares Greenhouse Emissions 71. 0

Metric Tonnes per person

Average Chad Eco Footprint 2.0 global hectares Greenhouse Emissions 0.47

Metric Tonnes per person

My Eco Footprint 6.7 global hectares Greenhouse Emissions 4.0

Metric Tonnes per person

My Footprint itself requiring productive land of about 8.2 football fields.

Planetary Biocapacity was reached around 1990 for a population of about 5 billion at around 2.0 global hectares per person

We now require 1.4 earths to meet our current needs and demands on the planet

References

footprint link = <http://www.footprintnetwork.org/en/index.php/GFN/>

Wikipedia population = http://en.wikipedia.org/wiki/World_population

Wikipedia CO2 per cap = [http://en.wikipedia.org/wiki/](http://en.wikipedia.org/wiki/List_of_countries_by_carbon_dioxide_emissions_per_capita)

List_of_countries_by_carbon_dioxide_emissions_per_capita

Greenhouse Gas = <http://www.on.ec.gc.ca/community/ecoaction/greenhousecalcs-e.html>

ATMOSPHERE THE BODY

CLIMATE

THE 2009 COPENHAGEN ACCORD

as per global citizens and general consensus

In pursuit of the ultimate objective of the Convention as stated in its Article 2,

Being guided by the principles and provisions of the Convention,

Noting the results of work done by the two Ad hoc Working Groups

Endorsing decision x/CP.15 on the Ad hoc Working Group on Long-term Cooperative Action and decision x/CMP.5 that requests the Ad hoc Working Group on Further Commitments of Annex I Parties under the Kyoto Protocol to continue its work,

Have agreed on this Copenhagen Accord which is operational immediately.

1. We underline that climate change is one of the greatest challenges of our time. We emphasize our strong political will to urgently combat climate change in accordance with the principle of common but differentiated responsibilities and respective capabilities. To achieve the ultimate objective of the Convention to stabilize greenhouse gas concentration in the atmosphere at a level that would prevent dangerous anthropogenic interference with the climate system, we shall, recognizing the scientific view that the increase in global temperature should be below 2 degrees Celsius, on the basis of equity and in the context of sustainable development, enhance our long-term cooperative action to combat climate change. We recognize the critical impacts of climate change and the potential impacts of response measures on countries particularly vulnerable to its adverse effects and stress the need to establish a comprehensive adaptation program including international support.

2. We agree that deep cuts in global emissions are required according to science, and as documented by the IPCC Fourth Assessment Report with a view to reduce global emissions so as to hold the increase in global temperature below 2 degrees Celsius, and take action to meet this objective consistent with science and on the basis of equity. We should cooperate in achieving the peaking of global and national emissions as soon as possible, recognizing that the time frame for peaking will be longer in developing countries and bearing in mind that social and economic development and poverty eradication are the first and overriding priorities of developing countries and that a low-emission development strategy is indispensable to sustainable development.

And We Therefore set Rule 1: The allowable global average of CO2 emissions per person will be capped at around 4.0 to 6.0 MT CO2 Emissions per person per year. Countries or ecozones exceeding that limit will have to begin reductions and or pay a fine to a global climate change insurance fund and developing countries can not exceed that maximum as measured and determined by an independent third party arms length Earth monitoring body with enforcement powers, funded from the proceeds of the climate insurance fund and body see U of Calgary Geo Sens web site.

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3. Adaptation to the adverse effects of climate change and the potential impacts of response measures is a challenge faced by all countries. Enhanced action and international cooperation on adaptation is urgently required to ensure the implementation of the Convention by enabling and supporting the implementation of adaptation actions aimed at reducing vulnerability and building resilience in developing countries, especially in those that are particularly vulnerable, especially least developed countries, small island developing States and Africa. We agree that developed countries shall provide adequate, predictable and sustainable financial resources, technology and capacity-building to support the implementation of adaptation action in developing countries.

And therefore set Rule 2. Ecozone Exception Rule. Rule one can be modified to take into account the local ecozonal conditions of a certain region, that is that more CO2 emissions will be granted or allowed for ecozones on the basis and according to and of the survival and basic needs and basic energy requirements of a particular ecozone (3.0 MT CO2 emission Ecozone Maximum exception allowance) but such exceptions must be offset by an equal effort to prevent developing nations from increasing their CO2 emission by the same amount and this credit in one must be thus offset by a deduction in the other. Use of renewables and non carbon energy sources. The global level of CO2 PPM above 350 ppm must be noted prominently on all measurement documents.

4. Annex I Parties commit to implement individually or jointly the quantified economy wide emissions targets for 2020, to be submitted in the format given in Appendix I by Annex I Parties to the secretariat by 31 January 2010 for compilation in an INF document. Annex I Parties that are Party to the Kyoto Protocol will thereby further strengthen the emissions reductions initiated by the Kyoto Protocol. Delivery of reductions and financing by developed countries will be measured, reported and verified in accordance with existing and any further guidelines adopted by the Conference of the Parties, and will ensure that accounting of such targets and finance is rigorous, robust and transparent.

5. Non-Annex I Parties to the Convention will implement mitigation actions, including those to be submitted to the secretariat by non-Annex I Parties in the format given in Appendix II by 31 January 2010, for compilation in an INF document, consistent with Article 4.1 and Article 4.7 and in the context of sustainable development. Least developed countries and small island developing States may undertake actions voluntarily and on the basis of support. Mitigation actions subsequently taken and envisaged by Non-Annex I Parties, including national inventory reports, shall be communicated through national communications consistent with Article 12.1(b) every two years on the basis of guidelines to be adopted by the Conference of the Parties.

Those mitigation actions in national communications or otherwise communicated to the Secretariat will be added to the list in appendix II.

Mitigation actions taken by Non-Annex I Parties will be subject to their domestic measurement, reporting and verification the result of which will be reported through their national communications every two years. Non-Annex I Parties will communicate information on the implementation of their actions through National Communications, with provisions for international consultations and analysis under clearly defined guidelines that will ensure that national sovereignty is respected. Nationally appropriate mitigation actions seeking international support will be recorded in a registry along with relevant technology, finance and capacity building support. Those actions supported will be added to the list in appendix II. These supported nationally appropriate mitigation actions will be subject to international measurement, reporting and verification in accordance with guidelines adopted by the Conference of the Parties.

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And therefore set Rule 3. That an international Global Climate Change Regulation and Enforcement Body be established under the auspices of the G 20 to monitor and ensure that any funds from a Green Climate Fund and resources committed to developing nations from developed nations and highly developed nations are tied to and are met by or exceed certain conditions and commitments made and agreed towards by developing nations as their Climate Change responsibilities as thus to ensure that overall global development does not exacerbate climate instability any further.

6. We recognize the crucial role of reducing emission from deforestation and forest degradation and the need to enhance removals of greenhouse gas emission by forests and agree on the need to provide positive incentives to such actions through the immediate establishment of a mechanism including REDD-plus, to enable the mobilization of financial resources from developed countries.

And therefore set Rule 4. Environmental Reserve Provision: In order to ensure adequate provision for the needs and protection of the environment a Global Earth Fund Trust will be set up in which all global citizens will be required to contribute a 5 to 10 % offering added to the cost on most or certain goods and services and an immediate ongoing embargo will be placed towards a restriction of and on development of the Earths remaining wilderness areas which currently comprise 50 % of global land totals. Considerations and reserves will also be required to accommodate fresh waters and ocean areas and environmental impact assessment will be required for any proposal development of the Moon and or its resources. Administration of such will be done by an independent arms length Global Ecoombudsmans office with advisement's to the G20. See Appendix IV.

7. We decide to pursue various approaches, including opportunities to use markets, to enhance the cost-effectiveness of, and to promote mitigation actions. Developing countries, especially those with low emitting economies should be provided incentives to continue to develop on a low emission pathway.

8. Scaled up, new and additional, predictable and adequate funding as well as improved access shall be provided to developing countries, in accordance with the relevant provisions of the Convention, to enable and support enhanced action on mitigation, including substantial finance to reduce emissions from deforestation and forest degradation (REDD-plus), adaptation, technology development and transfer and capacity-building, for enhanced implementation of the Convention. The collective commitment by developed countries is to provide new and additional resources, including forestry and investments through international institutions, approaching USD 30 billion for the period 2010 . 2012 with balanced allocation between adaptation and mitigation. Funding for adaptation will be prioritized for the most vulnerable developing countries, such as the least developed countries, small island developing States and Africa. In the context of meaningful mitigation actions and transparency on implementation, developed countries commit to a goal of mobilizing jointly USD 100 billion dollars a year by 2020 to address the needs of developing countries. This funding will come from a wide variety of sources, public and private, bilateral and multilateral, including alternative sources of finance. New multilateral funding for adaptation will be delivered through effective and efficient fund arrangements, with a governance structure providing for equal representation of developed and developing countries. A significant portion of such funding should flow through the Copenhagen Green Climate Fund.

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9. To this end, a High Level Panel will be established under the guidance of and accountable to the Conference of the Parties to study the contribution of the potential sources of revenue, including alternative sources of finance, towards meeting this goal.

10. We decide that the Copenhagen Green Climate Fund shall be established as an operating entity of the financial mechanism of the Convention to support projects, program, policies and other activities in developing countries related to mitigation including REDD-plus, adaptation, capacity building, technology development and transfer.

And therefore set Rule 5. That developed and highly developed nations commit to a Green Climate Fund and or insurance plan to the amount of 10 to 30 billion \$ USD immediately and \$100 Billion dollars USD or more by 2020 and that these funds be used for the development of green and clean technologies in and by all nations and to offset any damages caused by the effects of climate change to and in any nation with regards to global development as a whole. And that 25% of any remaining stimulus money be favored to projects and outcomes that offer a 25% reduction in CO2.

11. In order to enhance action on development and transfer of technology we decide to establish a Technology Mechanism to accelerate technology development and transfer in support of action on adaptation and mitigation that will be guided by a country-driven approach and be based on national circumstances and priorities.

And therefore set Rule 6. A Grandfathering Provision. Rule One and Two can be modified for Highly Developed Nations/Ecozones (above 9 MT CO2) that can and will be extended a certain amount of Grandfathered CO2 emission credits on the condition, basis and stipulation that they assist developing and developed nations/ecozones with funds, research and technologies to develop cleaner, greener and renewable energy sources and that these grandfathered highly developed nations/ecozones work towards actively and effectively reducing their total Ecozone CO2 emissions to a lower 12.0 MT target.(3.0 MT per person of CO2 emissions Highly Developed Nation/Ecozone Grand Fathered Maximum allowance.)

12. We call for an assessment of the implementation of this Accord to be completed by 2015, including in light of the Convention's ultimate objective. This would include consideration of strengthening the long-term goal referencing various matters presented by the science, including in relation to temperature rises of 1.5 degrees Celsius.

And therefore set Rule 7. And finally that global temperature rise shall have every effort made to prevent it from rising more than 1.5 to 2 degrees Celsius from 1950 levels and that global CO2 levels will be held under 400 PPM and thus all of these considerations will be acted on now and immediately and must be acted on before 2016 at the latest. And that this 2009 Climate Accord be reviewed within ones years time to reflect and reconsider any changes or additions and that it be given and made globally legally binding within two years of this date.

ATMOSPHERE CONCLUSION:

CLIMATE

So in Conclusion that brings the total maximum allowable CO2 emissions any nation/ ecozone can have to 12.0 MT CO2 per person if the maximums of each rule is followed. At present the Qatar @ 56.2 MT & USA @ 24.0 MT per person (highest and above allowed) or so and Chad, Africa at 0.47 MT per person (lowest and below)

It would seem that regardless of and that whether and if humans are causing the current global warming trend or not, though the probability of such AGW is positive and perhaps 1/50, the course forward regardless, is relatively the same somewhat, as continued destruction and exploitation of the environment seems a no win and unsustainable proposition for the planet as a whole and its future. Whether these actions and commitments alone will address the warming situation or not would be a welcome side effect and benefit of a course of environmental stewardship and guardianship if they do though we thus as always have and should be prepared to live and die by the convictions, principals, beliefs and logic we prescribe to, profess and value as so called civilized human beings.

global citizens

.....
Planet Earth 2009

APPENDIX I

Quantified economy-wide emissions targets for 2020

Annex I Parties *Quantified economy-wide emissions targets for 2020*

Emissions reduction in 2020 Base year

Canada 25% CO2 Reduction from 2000 levels

Canada 65% CO2 Reduction for 2050 from 2000 levels

APPENDIX II

Nationally appropriate mitigation actions of developing country Parties

Non-Annex I *Actions*

APPENDIX III

Climate Change Fund USD

Nations \$\$\$\$\$ Year

Canada \$1,000,000,000.00 per year 2010

Canada \$4.000,000,000.00 per year 2030

ATMOSPHERE

CLIMATE

Appendix IV

A Global "Earth Offering" of 5 to 10 % will be paid on all or certain good and services to the Global Earth Fund Trust to address and cover the following:

1. climate change issues ie CO₂, Green house gases
2. air, water and environmental pollution
3. wilderness preservation and management
4. Ozone depletion
5. National Parks and Reserves
- 6 Heritage Sites
- 7 Restoration and reclamation
- 8 Environmental cleanup
- 9 The SPCA
- 10 Veterinarian assistance
- 11 Wildlife Sanctuaries
- 12 Zoos and Retirement facilities
- 13 Species protection
- 14 Fire Fighting
- 15 Natural Science Research
- 16 Nature Monitoring
- 17 Environmental Policing
- 18 Heritage Seed Banks
- 19 Whole Cost Accounting and Nature goods and services
- 20 Ecovillage and Organic Gardening Support
- 21 Hurricane, Volcano, Earthquake, Drought and Tsunami Relief
- 22 Oil and Toxic spills
- 23 Biocapacity study and research
- 24 Etc.

The principle of the Earth offering is similar to the function of the heart in the human body that pumps a certain amount of blood back to itself in order to function with the body as a whole.

CLIMATE GOVERNANCE

RE: HUMAN OVERSUCCESS 2012

Well doubtful that anyone one willful or dutiful really cares, as the morally bankrupt and void are usually guided by some kind of death wish and thanklessness but hard to believe that we live in a so called, legal, civil and moral world and society. What with the overabundant evidence of widespread white collar and corporate crime, corruption and robbery, that goes on unpunished or unrehabilitated. As well as the gross environmental rape, pollution, green washing, fraud and mismanagement, as it be as well and not to mention the killing, punishing and imprisoning those "radicals", who are acting to save us from ourselves.

Human over success though, (7 billion and counting) is not the result of superior reasoning, good planning, intellect or good and sound management, as it might suggest on the surface but just the contrary. It, human over success, is the result of irresponsible procreation, criminal and unsustainable business ecoexploitation, and legal and moral corruption, basic human over entitlement and general destruction of the host upon which we are ultimately highly dependent upon and that sustains us all.

We, humanity thus, have all the indicators of an inferior doomed species, much like the super predator dinosaurs of old. Our over success is thus indicative, not of success and fitness but of our basic and miserable failure to live in wisdom, reason and with in ours and the planets means, suggesting that we or the many, do not really want to live at all and would thus welcome death.

Well it is said if all the necessary reforms and innovations were implemented today in 2012, it wouldn't be till 2100 that temperatures started to fall back below an estimated global high and peak of about 18.5* or 3* Celsius above current 15.5* C then in the future.

And then to, if as they say, human activity or employment is the root and major cause of global warming, then it stands to reason that non activity or unemployment would be a fairly good or feasible solution to counter such wouldn't it? So rather than spend billions \$, on high tech fixes and jimmies to such, spend it \$ to pay people to do nothing and be content!

Natures Hand Company Alta
23 March 2012,

ATMOSPHERE

RECENT HISTORY

Dyn Anthroposphere 225/360 |

45/360

Year 2	Transportation, Oil	The G 20	The Atmosphere	The AstroSphere
sudget Port	30/225	5/225	30/45	15/45
2005			-Hurricane Katrina destroys much of New Orleans USA	
2011 AD/CE			-Humanoid Robonaut 'R2' arrives at ISS first humanoid in space.	
2012 AD/CE May			-Hurricane Sandy devastes much of North Eastern USA seaboard. -In 2012, a Solar eclipse occurs and then a rare Transit of the planet Venus across the Sun. We have become fairly good at predicting such things, though the future, as always though is uncertain, though we must eventually give it the benefit of the doubt, that it will act in the best interests of humanity, its various life forms and the Earth and Solar System and Universe as a whole and that the maturation of the human race may eventually lead to more mature, seasoned and adept sojourns into the new and great frontiers of the galaxy and heavens.	
2012 July			-NASA Apollo Moon Astronaut Com. Neil Armstrong passes over. USA lowers all State Flags. Given National Ceremony. Buried at SEA. G O D speed Sir Armstrong ("The Eagle has landed")	
2012 Sept				
2012 Nov/Dec			Canadian Chris Hadfield set to command the International Space Station.	
2013 Feb			Asteroid makes very close pass of earth and moon	
			Ion propulsion and solar sail system for star ships being developed.	
2013 June			Japanese speaking robot boards space station.	
2013 Sept/Oct			-365 day video cam being installed on Space station. - 1962 Scot Carpenter, 2 nd Mercury astronaut in space, passes away,	

ASTROSPHERE**ASTRONOMY****Bibliography Table****(Scientific References)**

Year	TITLE and Pages	Author	Publisher	Place	ISBN #
2012	Universe Age 13.7 Billion, NASA Educational Outreach	NASA Staff Email	NASA	USA	?
2008	News Release for Water on Mars	NASA	NASA ©	USA	Nasa.gov
2008	Earth Observations from Space	Nat Rea Coun			
2007	Climate Change (1750 to 2007 CE)	UN on Climate Change Report	UN ©	USA	
2002	21st Century Astronomy, Pages 140, 154, 186, 294, 462, 463, 478 and 529-530	Edited by John Byram, ©		USA ?	# 0-393-97400-6
1997	Definitions (1997 CE) ITP Nelson Canadian Dictionary of the English Language,		© Thomson Nelson	CANADA	# 0-17-604726-3
1994	Pale Blue Dot (Future in Space)	Carl Sagan	Random H. (c)	N.Y. USA	#0676438416

AVES-SPHERE

CONTENTS

Definition: noun the lower atmosphere “sphere” where birds “aves” and humans exercise the art and science of flight

Recent History pg 49

Birds and Flight/References pg 50

AVES-SPHERE

RECENT HISTORY

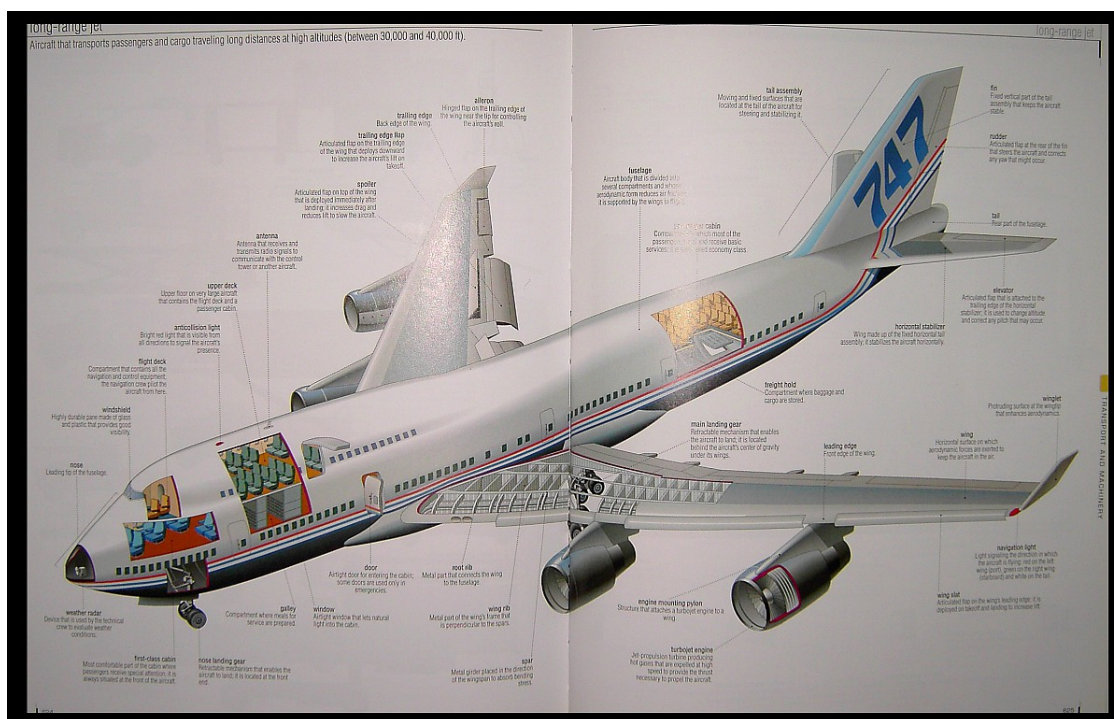
[illegible]

AVES-SPHERE

I. Birds and Flight

“slipped the surly bonds of earth and danced the skies on laughter-silvered wing”
J.G. Magee

The progenitors of flight are thought to have been adaptations of feathered dinosaurs, who survived the mass extinctions to become the Class “Aves”, from which all modern birds stem. In human terms flight is attributed in Greek Mythology first to Icarus, (son of Daedalus, legendary artist and inventor and creator of the Labyrinth,) who legend says escaped Crete with wings made for him by his father but that melted when he got too close to the Sun and he then fell into the Aegean Sea. Later around 1500 CE/AD Leonardo Da Vinci designed some inventions that bore resemblance to helicopter, then in 1901 in the state of Connecticut, Gustave Whitehead flew for 2.5 kilometers, and then around December 17, 1903, Orville and Wilbur Wright made a controlled sustained flight of a heavier than air vehicle at Kitty Hawk, N.C. USA. The first flight to circumnavigate the globe was in 1928 by Kingsford-Smith and the Southern Cross, and took 26 months. There are about 2 million pilots in the world in 2012 and about 500,000 planes.



Commercial Air Liner, long range jet, See Pg 624 Visual Dictionary

Bibliography Table Aves-SPHERE/SYSTEM (Scientific References) Nexus Point

Year	TITLE and Pages	Author	Publisher	Place	ISBN #
1941/2012	From the Ground Up 29 th ed	By Sandy A. F MacDonald	(c) Aviation Publishers Company Ltd..	Ottawa Canada	# 978 0 9730036 3 5
2011	Atlas of Bird Migration	by T.E. Lovejoy, Gen. Ed. By J Elphick	2007/11 © Pub. Marshall Editions, A Firefly book	NY USA	# 978 1 55 407 9711
2008	Atlas of World AVIATION	Dana Bell	Smithsonian and Bunker Hill Pub.(c)	N.H., USA	978-0-06-125144-3
2002	A Century of Triumph: The History of Aviation	C. Chant and J. Batchelor	(c) The Free Press	N.Y., USA	0-7432-3479-0
2001 - 2006	Companions	4 Parakeets		AB. CA	
1500 AD/CE	Helicopter Plans	Leonardo Da Vinci		Europe	

DYNAMIC ANTHROPOSPHERE

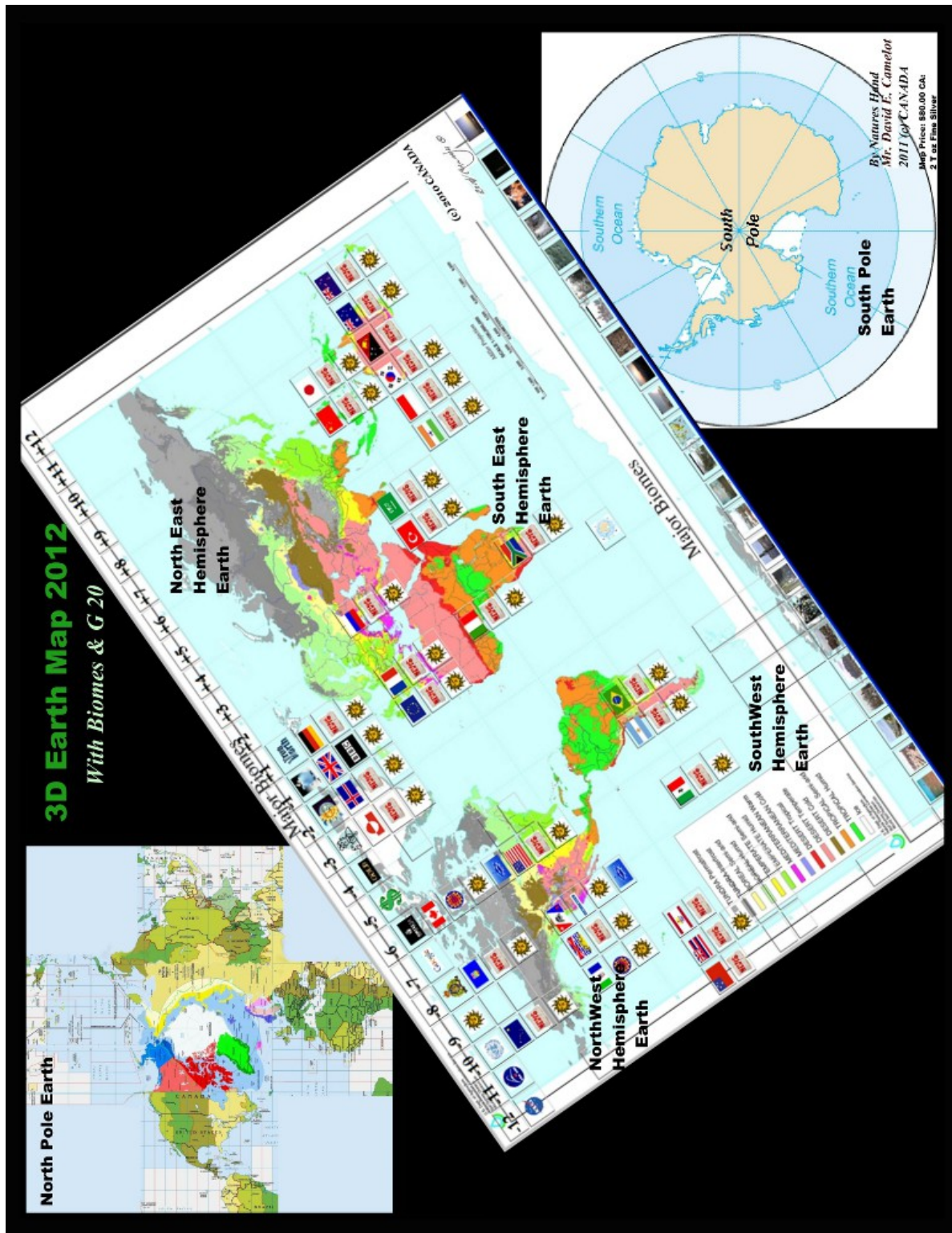
CONTENTS

Definition: noun see Static Anthroposphere

The G20	pg 52
Transportation and Oil, Symbols, Travel	pg 54
The Arts	pg 57
Sensory Network , Economics, Biz,	pg 62
Community, Daily Life	pg 79
Philosophy, Religion, Education, WWW, Psychology	pg 105
Recent History	pg 118
References	pg 164

DYNAMIC ANTHROPOSPHERE

THE G 20 20 Nation Global Governance Body



DYNAMIC ANTHROPOSPHERE

THE G20

MINUTIA

RE: VALUE OF A NATIONAL CURRENCY MAKEUP BASE LINE : 2012

In a complex 160 or so nation global reality, the individual value of a national currency itself is a rather, constantly in flux, complex and composite consideration, based perhaps roughly on the following make up (circa 2012 Earth):

APPROX CURRENCY VALUATION CRITERIA TABLE

Currency Value = % of 100,	Par \$ USA = \$1.00	Criteria	Comments
12%	\$0.12	National Military Strength and Capacity, IMF Gold and Silver Reserves, and CO2 Emissions	Higher CO2, lower purchasing power,
12%	\$0.12	National Economic Resources, Ocean Access and Necessaries	
12%	\$0.12	National Fed/State/City/Rural makeup and transport, manufacturing and industrial makeup and infrastructure	
10%	\$0.10	National Natural Beauty, Emergency and Future Preparedness	
8%	\$0.08	Current Government in Power Competence	
8%	\$0.08	Current Global Geopolitical and Economic Situation	
8%	\$0.08	National Banking, Infrastructure, Space and Technical Levels	
7%	\$0.07	National GDP and Movement Difference per Year	
6%	\$0.06	National Population # and Immigration and Policing Policies	
5%	\$0.05	National Service and Bureaucracy, Health System and Social Safety Net make up and soundness	
5%	\$0.05	National Workforce and Educational standards and system rating	
5%	\$0.05	National Historical and Current Global Reputation and Standing	
2%	\$0.02	Other	
Total = 100 %	\$1.00		

G 24 CURRENCY TABLE (G20 + 4 DIRECTION TRIBES) 1 Troy Ounce of Fine Silver = \$34.95 CA/\$34.96 USA

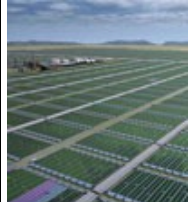
NATION	STOCK MARKETS Points	CURRENT CURRENCY VALUE	BASIC UNIT	IMF Gold/Silver Reserves of 100%	SUBUNIT	CO2 Emissions PPM %
AFRICA EAST		25,000.0000				0.09%co2
ARGENTINA		4.3425	PESO	1.0%	100 CENTAVOS	0.64%co2
AUSTRALIA	4327.3	0.9461	DOLLAR	2.0%	100 CENTS	1.32%co2
AUSTRALIA WEST		25,000.0000				0.09%co2
BRAZIL	61919.74	1.8150	REAL	0.7%	100 CENTAVOS	1.30%co2
CANADA	12041.99	0.9998	DOLLAR	3.0%	100 CENTS	1.80%co2
CANADA NA		25,000.0000				0.09%co2
CHINA	2308.92	6.3355	YUAN	12.0%	10 JIAO	23.33% co2
ECUADOR SA		25,000.0000	SUCRE	0.1%	100 CENTAVOS	0.09%co2
EUROPEAN UNION	613.35	1.3152 Euro	EURO	See others		14.04%co2
FRANCE	3237.69	1.3152 Euro	FRANC	10.1%	100 CENTIMES	1.25% co2
GERMANY	6674.73	1.3152 Euro	DEUTSHE MARK	4.0%	100 PFENNIGS	2.61%co2
INDIA	17199.4	50.0050	RUPEE	12.0%	100 PAISE	5.78%co2
INDONESIA		156.2505	RUPIAH	0.5%	100 SEN	1.35%co2
ITALY		1.3152 Euro	LIRA	10.1%	100 CENTESIMI	1.48%co2
JAPAN	9458.74	82.3555	YEN	3.5%	100 SEN	4.01%co2
MEXICO	39311.24	10.6632	PESO	0.5%	100 CENTAVOS	1.58%co2
RUSSIA		29.5552	RUBLE	3.5%	100 KOPECKS	5.67%co2
SAUDI ARABIA		3.7515	RIYAL	1.5%	100 HALALA	1.44%co2
SOUTH AFRICA		7.5855	RAND	0.3%	100 CENTS	1.45%co2
SOUTH KOREA	1994.41	1,121,0005	WON	0.5%	100 CHON	1.69%co2
TURKEY		1.7950	LIRA	0.5%	100 KURUS	0.94%co2
UNITED KINGDOM	5634.74	0.6388	POUND	1.4%	100 PENCE	1.73% co2
USA	12820.85	\$1.00 PAR	DOLLAR	22.2%	100 CENTS	18.11%co2
Other				10.6%		8.12% co2 approx

References : According to Financial and News Reports. Bloomberg 2011, NELSON: CANADIAN DICTIONARY OF THE ENGLISH LANGUAGE 1995 ,Google Inc. Wikipedia.

11 April 2012 12:30 PM MDT, CANADA

DYNAMIC ANTHROPOSPHERE

G. TRANSPORTATION AND OIL

	1. Rudolf Diesel. Diesel came up with an engine design that remains far more efficient than the gas-burners that populate American roads. Electric cars are coming and hybrids are gaining in popularity, but they might only constitute 25 percent of cars on the road by 2020. Volkswagen, Audi and others continue to put research funds into diesel and diesel-like technology for gas cars. Trains and big trucks will continue to rely on diesel, as well. Diesel also proved that the fuel used to power his namesake engines needn't be dirty -- he ran his first engines with peanut oil.
	2. Henry Ford. While he's known primarily for master-minding mass production and promoting the combustion engine, Ford experimented with electric cars in the 1920s. During World War II, he looked into employing soy materials in cars. "I see the time coming when a farmer will not only raise raw materials for industry, but will do the initial processing on his farm. He will stand on both his feet -- one foot on soil for his livelihood; the other in industry for the cash he needs," Ford said. These ideas didn't pan out, but Ford historically has become more willing than many other major auto makers to experiment with alternatives. The company will start to come out with a series of all-electrics and plug-ins later this year and also plans to expand its use of its energy-efficient EcoBoost engines.
	3. M. King Hubbert. The patron saint of research analysts. They scoffed in 1949 when geophysicist Hubbert said oil production would peak. Then it did, right on time, in Texas' Permian Basin in the 1970s. The Saudi oil embargo followed. Hubbert's body of work includes several of the most important scientific papers addressing energy to be published in the last century. It also marked the point when the possibility of declining supplies had to be considered.
	4. Abdullah Tariki. The charismatic co-founder of OPEC remains one of the most important anti-heroes in green. Without his handiwork, the Saudi oil embargo could not have occurred. And without that, countries like Denmark and Japan would not have decided to set efficiency standards and encourage wind, biomass and solar manufacturing. In a way, OPEC was to green what the Black Death was to the Renaissance: a scary incident that forced contemporaries to rethink their priorities. Interestingly, Abu Dhabi, the capital of the OPEC charter member United Arab Emirates, created the Masdar Foundation to build a renewable industry in the Middle East.
	5. Dave Hermance. Hermance didn't invent the hybrid -- Ferdinand Porsche crafted the first one in 1902. As a Toyota employee, he didn't invent the Prius, either. However, he paved the way for the car's ultimate popularity in the U.S. The then-surprising sales of the Prius reawakened the dream of electronic cars. Tesla Motors, the GM Volt, and the Nissan Leaf all followed in its wake. Hermance was also a frank and forthcoming industry spokesman who was more than willing to explain why plug-ins and all-electrics a few years ago didn't make sense yet. He died in a plane crash in 2006.
	6. Aquatic Species Program. Kicked off by President Jimmy Carter in 1978, ASP was the first program to delve into the question of whether algae, that very oily, highly prolific, and not particularly tasty organism, could be converted into fuel. Some of the problems algae start-ups experience today -- controlling growth, increasing yield, eliminating water -- ASP encountered as well, but the program helped establish algae as the most promising feedstock for biofuels.
	7. Haynes Automotive Manuals by Haynes North America, Inc. 2006 (c) USA ISBN #: 978-1-56392-596-2, Lib of Cong Con. No. 2006921171

(Transportation) Natureville Transportation with Light Rail Trains 2012
Solar Powered Roads see solarroadways.com



smart fortwo coupé

smart

Base price: \$ 14,990

Options accessories: \$ 140

Total price(1) \$ 15,130

smart fortwo coupé

pure, 70hp, three-cylinder, 999cc naturally aspirated gas engine

Fuel consumption[4] combined: 5.4 l/100km
CO₂emissions[4] combined: 130 g/km

Base price

bodypanels in light yellow

Upholstery colour: grey

tridion safety cell, black

\$ 14,990

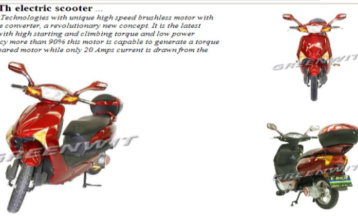
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•

MOTORINO™ Hth electric scooter

is designed for Greenet Technologies with unique high speed brushless motor with built-in Dynamo™ torque converter, a revolutionary new concept. It is the latest generation geared motor with high starting and climbing torque and low power consumption. With efficiency more than 90% this motor is capable to generate a torque equivalent to 600W non geared motor while only 20-amps current is drawn from the battery.



Specifications:

Power System Motor : 500W brushless high speed with built-in Dynamo™ Torque converter Max torque = 30 Nm on stall — 800W per 100km Motor Controller : quick start or smooth start Battery : 48V 22AH SLAVE, 105AHWh capacity Battery Protection: Low voltage cut off protection Charger : 32V 3A output, 110-240V input Charging time : 3 to 6 hrs with regular and 2 to 3 hrs with rapid charger DC DC 48-12V 10A converter Circuit protection: automatic breaker

Brakes

Clutch type adjustable rear drum, front drum Electric circuit cut off on braking

Standard Features

Lights: Head – high/low beam, direction lights, tail brake, license plate – 12V bulbs Rear view mirrors Dashboard with indicators: speedometer, battery capacity indicator, turn signals indicators: Paddle, Clutch type 1st: Double seat 65cm above ground Storage under the seat, glove box

Extra features, upgrades and accessories

Extra battery 48V/14AH 4A continuous fast charger 12V/15A cigarette lighter plug Motorcycle storage extra large carrying box Windshield

Accessories included

Performance

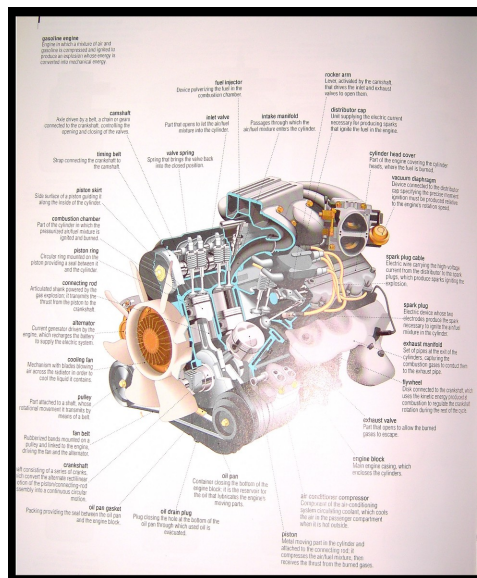
* 70-80 km range based on flat and 50kg load and 110-120 km with dual battery Speed 28 km/hr based on flat and 50kg load Climbing ability: 27 degrees Loading capacity :130kg T torque 90 Nm

Body & Chassis

Shell ABS with two coats spray paint Frame: Motorcycle high tensile steel frame Tensile front suspension, 2 shock absorbers per wheel Two shock stands and side

Security

Built-in motorcycle remote alarm Locks on battery compartment, glove box, under seat storage box



Gas Engine see Pg 566 Visual Dictionary

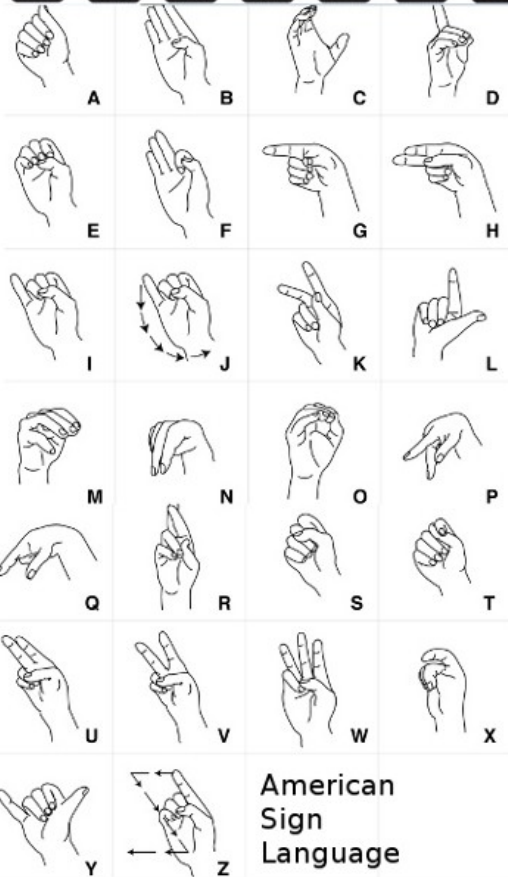
TRAVEL

See "The Drifters" book and "Where to go When" by Joseph Rosendo DK pub #978-0-7566-4474-1 (2009)

SYMBOLS

Common Symbols 2012 Earth

Recreational Symbols

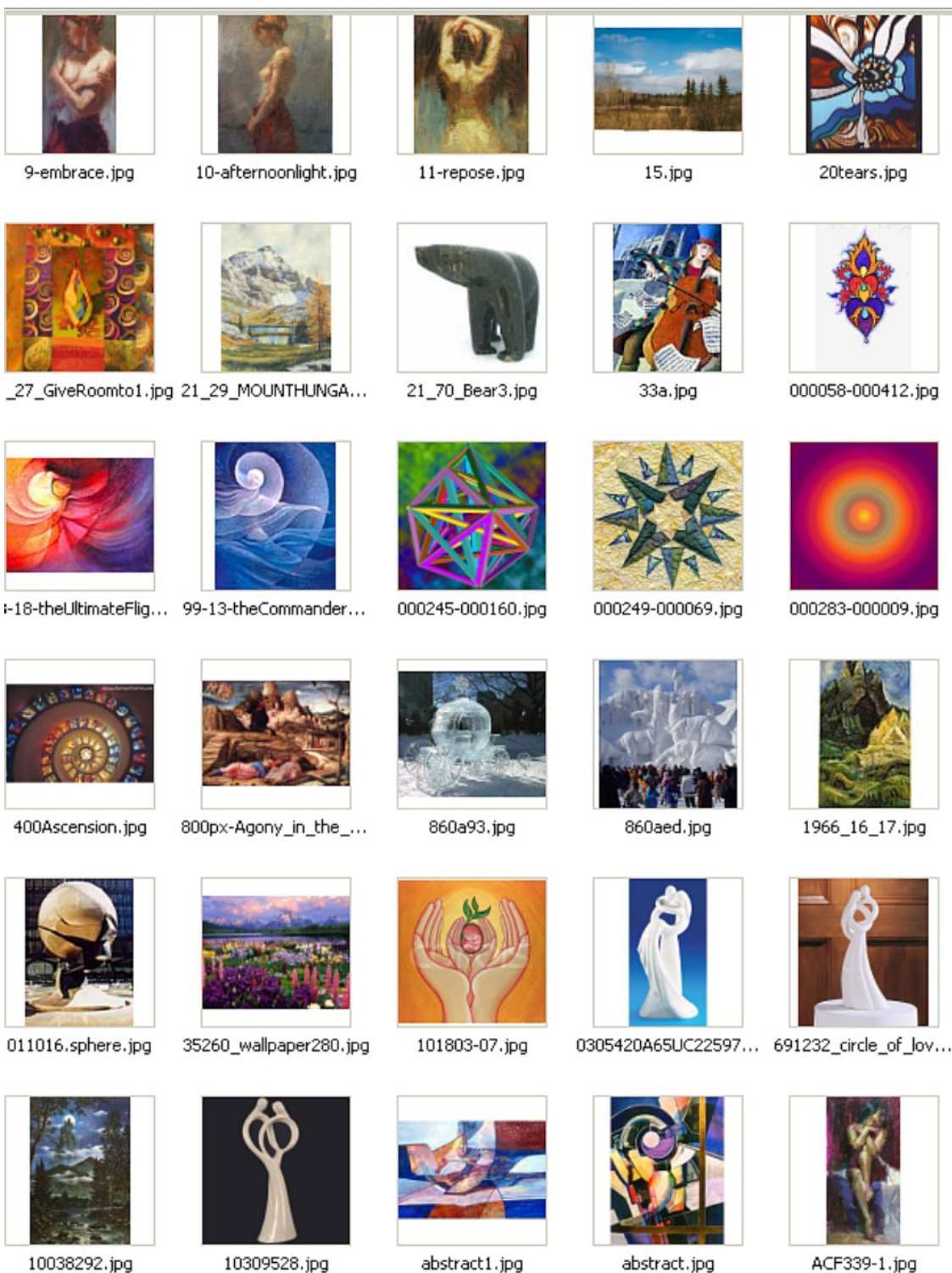


Energy Efficiency Symbols



Hazardous Goods/Materials



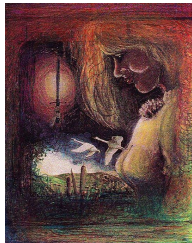
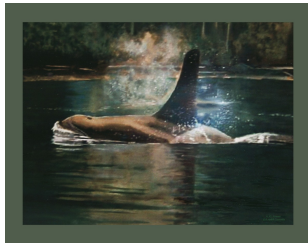
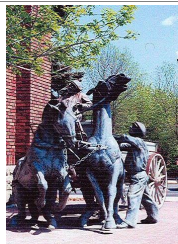
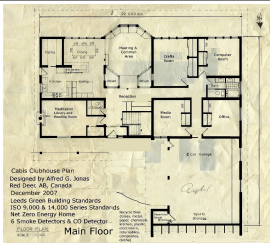


DYNAMIC ANTHROPOSPHERE

The Arts

THE VISUAL ARTS, LITERATURE AND MUSIC

Author History
ARTWORK PROFILE 1
(1970 - 2010)
David E. Camelot

	1	2	3
			
BY:	David E. Camelot	David E. Camelot	David E. Camelot
MEDIUM:	WATER COLOR	MIXED MEDIA	WATER COLOR
SIZE:	12" W X 20" H	24" W X 30" H	32" W X 20" H
DATE:	1984	2004	1988
TITLE:	"TEIQUA"(Ginnie's husky)	"THE LAND BEYOND THE MIRROR"	"ORCHA"
PLACE:	Edmonton	Red Deer	Edmonton
	4	5	6
			
BY:	David E. Camelot	David E. Camelot	David E. Camelot
MEDIUM:	PHOTOGRAPH	GOLD SMITHING	GOLD SMITHING
SIZE:	8.5" W X 11" H	BROOCH 1.75"W X 1" H x 1/8" T	2 SILVER RINGS 5/8 th inch W
DATE:	2004	2007	2007
TITLE:	"SPRING ALARM"	"COSMIC LOVE"	"NAME SAKE & STAR OF DAVID"
PLACE:	Red Deer	Red Deer	Red Deer
	7	8	9
			
BY:	David E. Camelot	David E. Camelot	David E. Camelot
MEDIUM:	GEO MODEL	ARCHITECTURAL DRAFTING	MURAL
SIZE:	12"W x 12"L x 18"H	30"W x 24" H	10 FT W X 6 FT H
DATE:	2007	1981 - 2008	2007
TITLE:	"ANTHROPOSPHERE 1"	"CASALOMA 2" (Solar Home)	"SUMMER SOLSTICE 2007"
PLACE:	Red Deer	Edmonton and Red Deer	Red Deer

DYNAMIC ANTHROPOSPHERE

The Arts ARTWORK PROFILE 2 (1970 - 2010) David E. Camelot

	10	11	12
			
BY:	David E. Camelot	David E. Camelot	David E. Camelot
MEDIUM:	ELECTRONIC ART	ELECTRONIC ART	ACRYLIC
SIZE:	14" W X 14" H	6 FT W X 4 FT H	40" W x 24" H
DATE:	2009	2004 - 2009	1986
TITLE:	"WOOD FLOWERS"	"THE CANADIAN SOUL"	"THE VALLEY"
PLACE:	Red Deer	Red Deer	Edmonton
	13	14	15
			
BY:	David E. Camelot	David E. Camelot	David E. Camelot
MEDIUM:	ACRYLIC	ELECTRONIC ART	ACRYLIC
SIZE:	24"W x 24" H	3 FT W x 2FT H	30" W x 20" H
DATE:	1998	1986 - 2008	1995
TITLE:	"ALBERTA SUNSET"	"DIVINE EARTH"	"SOUTHERN ALBERTA"
PLACE:	Southern Alta and Red Deer	Edmonton and Red Deer	Southern Alta
	16	17	18
			
BY:	David E. Camelot	David E. Camelot	David E. Camelot
MEDIUM:	ELECTRONIC ART	LUTHIER WORK	ACRYLIC
SIZE:	18"W x 24"H	20" W x 40" H	40" W x 60" H
DATE:	2005 - 2009	1975	1998
TITLE:	"THE EARTH LOVERS"	"WOOD' CLASSICAL GUITAR"	"IN THE SHADOWS"
PLACE:	Red Deer	Edmonton]	Red Deer

DYNAMIC ANTHROPOSPHERE

The Arts ARTWORK PROFILE 3 (1970 - 2011) David E. Camelot

	19	20	21
			
BY:	David E. Camelot	David E. Camelot	David E. Camelot
MEDIUM:	ELECTRONIC ART	PHOTOGRAPH	PHOTOGRAPH
SIZE:	10" W X 12" H	11" W X 8.5" H	8.5" W x 11" H
DATE:	2008	2007	2007
TITLE:	"SYMMETRICAL FLOWERS"	"GENGIS METI"	"SOLSTICE PARK 07"
PLACE:	Red Deer	Fort Normandeau	Red Deer
	22	23	24
			
BY:	David E. Camelot	David E. Camelot	David E. Camelot
MEDIUM:	PHOTOGRAPH	WOOD SMITHING	SELF PHOTO
SIZE:	8.5"W x 11" H	24 FT W x 12 FT H X 30 FT LONG	8.5" W x 11"H
DATE:	1982	1974	2011
TITLE:	"SAN FRAN FOG"	"SANS SOUGI LAKE COTTAGE"	"HERITAGE THANKSGIVING"
PLACE:	Red Deer	Lac La Nonne, Alta	Heritage Ranch, Alta
	25	26	27
			
BY:	David E. Camelot	David E. Camelot	David E. Camelot
MEDIUM:	ELECTRONIC ART	ELECTRONIC ART	ACRYLIC
SIZE:	36"W x 36"H	36" W x 24" H	24" W x 18" H
DATE:	2009	2009	1987
TITLE:	"RED DEER SEASONS"	"HEY CANADA"	"KANANASKIS COUNTRY"
PLACE:	Red Deer	Red Deer	Edmonton

**Earth Art History
(1200 CE/AD – 1900 CE/AD)**

See: The Louvre : all the paintings By Anja Grebe, Photos by Erich Lessing Edited by Vincent Pomarede
© 2011 Black Dog & Leventhal Publishing ISBN13# 978 1 57912 886 9

LITERATURE, THEATRE

“About School” by Anonymous (circa 1960s)

*He always
He always wanted to explain things, but no one cared,
So he drew.
Sometimes he would just draw and it wasn't anything.
He wanted to carve it in stone or write it in the sky.
He would lie out on the grass and look up in the sky and it would
be only the sky and things inside him that needed saying.
And it was after that that he drew the picture,
It was a beautiful picture. He kept it under his pillow and would
let no one see it.
And he would look at it every night and think about it.
And when it was dark and his eyes were closed he could see it still.
And it was all of him and he loved it.
When he started school he brought it with him,
Not to show anyone, but just to have with him like a friend.
It was funny about school.
He sat in a square brown room, like all the other rooms,
And it was tight and close, and stiff.
He hated to hold the pencil and chalk, with his arm stiff and
his feet flat on the floor, stiff, with the teacher watching and watching.
The teacher came and spoke to him.
She told him to wear a tie like all the other boys,
He said he didn't like them and she said it didn't matter.
After that he drew. And drew all yellow and it was the way
he felt about morning. And it was beautiful.
The teacher came and smiled at him. "What's this?" she said.
"Why don't you draw something like Ken's drawing? Isn't it beautiful?"
After that his mother bought him a tie and he always drew airplanes
and rocket-ships like everyone else.
And he threw the old picture away.
And when he lay all alone looking at the sky, it was big and blue,
and all of everything, but he wasn't anymore.
He was square and brown inside and his hands were stiff.
And he was like everyone else. All the things inside him that
needed saying didn't need it anymore.
It had stopped pushing, It was crushed
Stiff. Like everything else.*

*Pg 84 From book "I Am A Sensation" By Gerry Goldberg
© 1971 McClland and Stewart Ltd. ISBN # 0 7710 3373 7*

WHAT WE'RE MADE OF Poem

by David E. Camelot (c) 2002 CANADA

*Though we're made of flesh and bone,
That can be broke by sticks and stones,
And though we laugh and though we cry,
There's more to us than meets the eye.
And though we feel the hot and cold,
And though our bodies do grow old,
Through the years we shed these skins,
And time reveals the void within.
Oh what is in your heart of hearts,
Gold or silver, jewels or art ?
Wine and songs and happy times,
When you look what do you find?
At times I find an empty place,
That all the years just can't erase,
And though I pray and though I try,
I just can't fill that space inside.
Except with memories and dreams,
Of all the things and might have beens,
And all the wonders and despairs,
Of loves and losts and heres and theres.
A heart is made of joys and pains,
Of rainbows, sunshine, drops of rain,
Of symphonies by stars on high,
And hawks and doves and autumn skies.
And walks on down the dusty lanes,
And scents and hues we can't explain,
Our hearts are all we've got to show,
But will they stay or will they go?
Oh when our time on Earth is done,
Please let our hearts oh with us come*

Red Deer, Alta. CA

MUSIC

Deep Forest Band from France 1995 to 2012

Style: World Music
With Peter Gabriel

Grandmas Kitchen Song

By David Camelot (c) 2009 CANADA

1.

Well I remember those Sunday dinners, at Grandpas and Grandmas Place,
Well the folks would come from miles around dressed in suits and fancy lace.
Well the men would sit round the table, and the women would hover about,
And us kids would scurry underfoot till to be sure there was a shout.

Chorus

Grandmas kitchen sure smelt good with them roasts and the baking too,
And Grandmas kitchen had more love than any place I ever knew.

2.

Well now sometimes on special Sundays, the folks might sing a song or two,
And then we'd gather on the front porch, to take a family pic for you.
But by then us kids would get sleepy, oh with hearts and bellies tight,
So we'd all give the folks a great big hug and happily say to each good night.

3.

Well the years they kept on passing, as the years well they will do,
But there was never no shortage of Sundays, so the family it grew and grew.
And even in the days fore her passing, the clan would still oh gather nigh,
And Grandma fed us all till God took her up oh to be on the Heavens side.

Chorus

Grandmas kitchen sure smelt good with them roasts and the baking too,
And Grandmas kitchen had more love than any place I ever knew,
than any place I ever knew.

Words and Music By David Camelot (c) 2009 Canada

DYNAMIC ANTHROPOSPHERE

ECOLOGICAL ECONOMICS

Minutia

General Vocational Statistics and Pay Schedule

Qualifications?

Global vocational stats for 2012, with 7 Billion Humans being replaced about once every 58 years or so
With 800 million cars being replaced every 10 years Rough Estimate some categories might overlap and such as meeting a common and green standards and qualification of an accredited education system and institutions

CANADA Pay Schedule

(Citizens are expected or obligated to work or help, if able, in the meeting the needs/concerns of their communities.)

All Canadians would be paid \$100/mo, times the rate of their age. ie 1 year old \$100/mo in trust with parents, 65 year old \$6500/mo. After age 65 and retirement, monthly wage reduced but pension would equal \$3500/mo indexed to inflation
All would receive health benefits, All Canadians would choose and be amongst one of the 50 following vocation groupings at a 8 hr/day , 4 day work week. TAXES: UN tax = 1.5%, Fed Tax = 18%, Prov. tax = 10%, GST = 5%, Property tax = 6% . It takes 250 Naturerites to feed 5000 to 7000 ordinary citizens.

.....
Approx. 51 Vocational Status Situations of 100% for community and National needs : 1/2 male, 1/2 female

#	Global number of humans	% of 100%	CANADIANS	Extra mo wages CA	Natureville
1	1,595 Billion are babies and children	22.8%	6.84 million	0 \$	1140
2	760 million are labors and volunteers	10.86%	3.258 million	0 \$	543
3	450 million are farmers and ranchers and dairy	6.43%	1.929 million	\$1,750/mo	322
4	440 million are house wife's and husband's	6.29%	1.887 million	\$250/mo	(250) 314
5	420 million are aboriginals and Métis	6%	1.8 million	\$250/mo	300
6	385 million are unemployed or welfare	5.5%	1.65 million	0\$	275
7	370 million are teenagers and students	5.29%	1.587 million	0\$	265
8	350 million are skilled trades/tech/sports and service persons	5%	1.5 million	\$250/mo	250
9	330 million are police, navy, air, soldiers or reservists	4.7%	1.41 million	\$1,000/mo	235
10	270 million are managers or public service	3.9%	1.17 million	\$1,500/mo	195
11	240.404 million are retired	3.438%	1.0314 million	\$500/mo	172
12	200.07 million are food and store workers	2.846%	853,800	\$100/mo	142
13	140 million mine, forest, manufacture, energy workers	2%	600,000	\$750/mo	100
14	130 million are artists/actors	1.9%	570,000	\$200/mo	95
15	110 million are drivers,truckers, ship captains	1.6%	480,000	\$500/mo	80
16	110 million are verified disabled	1.6%	480,000	\$750/mo	80
17	90 million are steel and auto workers	1.3%	390,000	\$1,000/mo	65
18	80 million are social workers and pharmacists and veterinarians	1.1%	330,000	\$500/mo	55
19	70 million are waste and water and recycling workers	1%	300,000	\$2,000/mo	50

DYNAMIC ANTHROPOSPHERE

Ecological Economics

#	Global number of humans	% of 100	Canadians	Wages	Natureville
20	60 million are teachers and professors, librarians	0.86%	258,000	\$500/mo	43
21	50 million are computer/ IT	0.71%	213,000	\$500/mo	36
22	50 million are psychologists and nurses	0.71%	213,000	\$1,000/mo	35
23	45 million are apparel and hygiene workers	0.64%	192,000	\$100/mo	32
24	40 million are architects and engineers	0.55%	165,000	\$3,000/mo	28
25	30 million are scientists	0.43%	129,000	\$2,500/mo	22
26	30 million are bureaucrats	0.43%	129,000	\$1,750/mo	21
27	28 million are prisoners	0.4%	120,000	\$50/mo	20
28	20 million are accountants	0.29%	87,000	\$500/mo	15
29	20 million are bankers	0.29%	87,000	\$2,500/mo	14
30	18 million are judges and lawyers	0.26%	70,000	\$3,000/mo	13
31	17.5 million are homeless, prostitutes, pushers and addicts	0.25%	63,000	\$50/mo	12
32	17.5 million are doctors, dentists and surgeons	0.25%	63,000	\$4,000/mo	12
33	10 million are priests and pastors	0.14%	42,000	\$500/mo	7
34	10 million are journalists	0.14%	42,000	\$1,000/mo	7
35	9.5 million are rich people (millionaires)	0.13%	39,000	0\$	7
36	9.5 million are undertakers	0.13%	39,000	\$1,500/mo	6
37	2.1 million are Environmentalists	0.03%	9,000	\$2,000/mo	5
38	2 million are Pilots	0.028%	8,850	\$3,000/mo	5
39	1,400,000 are Royalty	0.02%	6,000	\$2,500/mo	1
40	1,400,000 are Olympians	0.02%	6,000	\$200/mo	1
41	1,190,000 were born today	0.017%	5,100	0\$	1
42	140,000 died today	0.002%	600	0\$	1
43	24,000 are States- persons	0.0004%	110	\$1,000/mo	1
44	7,000 are Billionaires	8.2 x 10-5%	35	\$0.00	1
45	100,000 are Aero Space, Only 500 circa 2012 had crossed the 100km outward Karman line.	Less than 0.0014%	420	\$3,000/mo	1
46	2,622 are Academy Award Winners	3.7 x 10-5%	12	\$200/mo	1
47	537 are Nobel Laureates	7.5 x 10-6%	3	\$3,000/mo	1
48	192 are UN member Nation Leaders	2.7 x 10-6%	1	\$5,000/mo	1
49	20 are G 20 Leaders	2.8 x 10-7%	1	\$6,000/mo	1
50	1 - 16 are family members	1.0 x 10-7%	1	\$50/mo	1
51	1 is consideration for self and others	1.0 x 10-8%	1	\$1,800/mo	1
	TOTAL = 7 BILLION HUMANS ON EARTH Approx	100%	30,000,000 CA	CA \$40 Billion /mo approx	5000 to 7000

REFERENCES : Internet and various News sources, rough calculations, 1/3 of humanity on Internet, Updated 21 Feb 2012 Tuesday

DYNAMIC ANTHROPOSPHERE

Ecological Economics Minutia

The 2012 Global Ecobudget

For Global Diagram of 2011 Ecobudget see pg 170, Canada, Britain, USA, and China samples

Proposed General GLOBAL Green ECOBUDGET FRAMEWORK INDEX FOR 2012

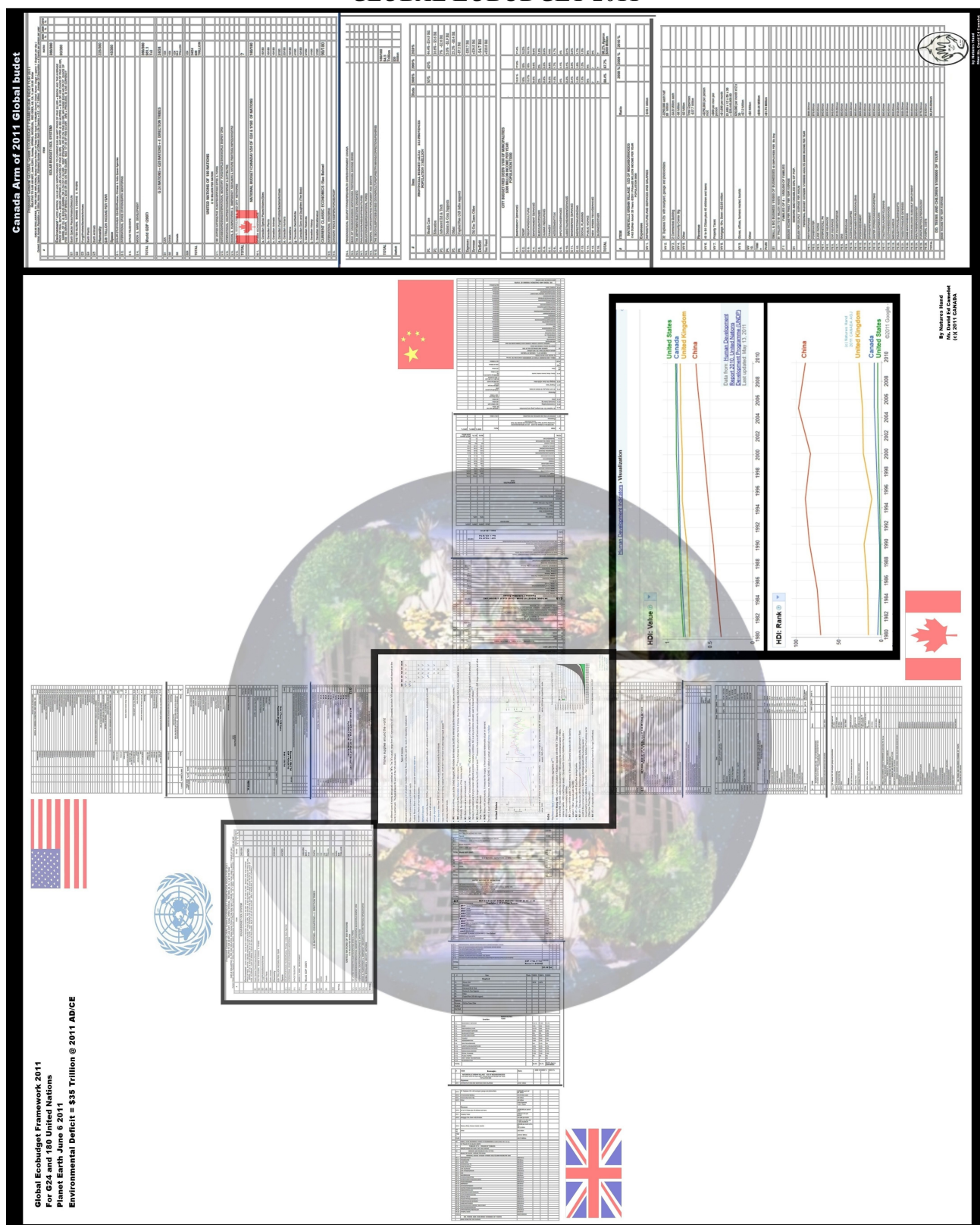
RELATIVE TO 8:00 AM MST, Nov 8, 2011, Tuesday, Winter, WOODLEA, PARKLAND BIOME, RED DEER, AB. CA NA Earth. % per \$1.00 Dollar
CA \$1.015 DOLLAR/PAR, 2% PER YEAR INFLATION, Global Human Portion of Total Solar Input = 1/100,000 Current Global Human Usage = approx 1
Exajoule per day)Current Global Human Population = 7 Billion Homo Sapiens Sapiens Estimated Number of Different Earth Life Species = 8.5 - 30 .7 Million)

The value of the total Global Economy, is thought to be around \$600 Trillion dollars in 2012. Average Oil Consumption = 4 Barrels per person per year

NOTE: Monthly budget costs or savings may vary 5 to 20 % depending upon which of the 4 seasons & particular hemisphere & latitude of biome.

#	ITEM	RATIO	2008 %	2009 %	2010 %
	SOLAR BUDGET (SOL SYSTEM)	360/360			
	Environment * NOTE APPROX. VALUE AND WORTH PEGGED TO CURRENT 8:00 AM MDT PRICE OF FINE SILVER = \$34.95 /ON AND THE AVERAGE PRICE OF REAL ESTATE = \$20,000 /HECTARE (700 OUNCES OF FINE SILVER) AND WATER @ 500 MLITERS = \$1.00 OR 1/35 OUNCE OF FINE SILVER, BARREL OF OIL @ \$105.00 /BARREL OR 3 ON OF F. SILVER , RENT \$700/MON OR 20 ON FINE SILVER, MIN WAGE \$10.00 HR OR 2/7 OUNCE OF FINE SILVER/HR, LOAF OF BREAD = \$2.00 OR 2/35 ON FINE SILBER, MILK 1/7 ON OF FINE SILVER AIR\$ = PRICELESS, @ CAN CURRENCY	90/360			
E1	Earth Special Places/Waters/Skies/Life				
E2	THE TEN GLOBAL BIOMES & OCEANS & RIVERS				
E3	Fungi/Protista/Bacteria/Archaea				
E4	Earth Plants				
E5	Earth Animals				
	Humanity	225/360			
	\$38 TRILLION INCOME PER YEAR				
	Space	45/360			
S 1.	SOLAR STUDY/NASA/ CSA/ESA/Russian, Chinese & India Space Agencies				
S 2.	INTERNATIONAL SPACE STATION/EARTH MONITORING				
S 3.	SPACE TELESCOPE				
S 4.	MOON & MARS DEVELOPMENT				
TOTAL	World GDP (2007)	360/360 \$61.1 Trill			
en def	Global ENVIRONMENTAL DEFICT FOR 2011 and Climate and Budget Insurance	-\$45 Trillion			
	G 24 NATIONS = G20 NATIONS + 4 DIRECTION TRIBES	24/24			
G1	USA	1/24			
G2	CHINA	1/24			
G3	Canada	1/24 \$4.5 TRILLION			
G24		1/24			
TOTAL		24/24 \$38 TRILLION			
Future	Plus 25% for infrastructure and code upkeep and update costs 20 years hence @ inflation? Save	\$17 Trillion			
	UNITED NATIONS OF 180 NATIONS \$ 10 BILLION PER NATION				
U 1.	180 UNITED NATIONS/THE CLIMATE/HERITAGE SITES & PARKS				
U 2.	NATO/GEORGARDENING/INTERNATIONAL MONETARY FUND/WORLD BANK/WORLD ENERGY ORG				
U 3.	INTERNATIONAL COURTS/STANDARDS/INTERNET & SATTTELITES				
U 4.	SOCIAL & HUMANITARIAN & EMERGENCY AID/HUMAN & NATURE RIGHTS/OLYMPICS/WHO/FAO				
U 5.	GLOBAL ECOVILLAGE & ECO CITY NETWORKS				
TOTAL		?			

E Ecological Economics
GLOBAL EOBUDGET 2011



DYNAMIC ANTHROPOSPHERE Ecological Economics

THE CANADIAN BUDGET, TAX AND REVENUE PLAN FOR 2012

A national economy should be founded on the national budget, and the distribution and allocation of scarce and valuable resources and services as well as fulfilling and meeting the basic needs and necessities of the populous, life forms and land.

Thus a country should make a budget for the year based on this, National recommended minimum wage = \$15.00/hr, 35 hrs per week....

Price of fine silver = \$34.95 Troy ounceInflation rate = 2.0 % Prime Interest rate = 1.005%.....Real Estate, Farm Land = \$20,000/Hectare

Unemployment rate = 7%.....Dollar at \$1.015 CA to USA Registered Non Profits, Boy and Girl Scouts, and Spiritual Orgs = Tax Free Status

Volunteers, Sworn to poverty oaths, and house person(wife or husband) = up to \$12,000.00/year tax free honorarium

Family allowance = \$5,000/year 2 or under 2 children recommended max One Sunday/month = day of rest/meditation = only essential services open,

Estimated CANADIAN CASH FLOW CIRCULATION FOR 2012 = \$ 1 TO 4 TRILLION DOLLARS

Estimated CANADIAN POPULATION = 30 MILLION MEN,WOMEN,TEENS,CHILDREN, BABIES

Personal Tax RATE

(except natives/Métis/starving artists/disabled, taxed at 50% of below, \$2.5 Million Cap)

Low income taxes (below \$28,800/year income) = 1% & GST REBATE

Mid Income taxes (below \$1,500,000/year income = 35%

High Income taxes (at or above \$1,500,000/year income = 49%

Business Tax RATE

(except farms/ranches/Drs./Judges/Veterans/chartered banks,

taxed @ 60% of below, \$.01 (farms/ranches/Drs./Judges/Veterans) - \$600 Bil (banks) Cap)

Low biz income taxes (profit below (\$50,000/year) = 5%

Mid biz income taxes (profit at or above (\$50,000/year) = 25%

High biz income taxes (profit at or above (\$10,000,000/year) = 40%

Revenue

GST

5%

Spread the pain around

CHMC/RESOURCES/PROPERTY TAX/MINT

7%

Respect the land

SIN TAX: Tobacco, Alcohol, Sports, Media, Advertising, ills, etc.

40 %

costs health care, enviro, social

TV, Gambling, Pornography, Fashion, Internet, Fast Foods, etc.

Gov TAX Revenue Expenditures and BREAKDOWN

	NATIONAL BUDGET (CANADA) 1/24 OF G24 & 1/180 OF NATIONS	180/180			
N 1.	GREEN GOVERNANCE				
	a. Canadian Special Places/Waters/Skies	15/180			
	b. Canadian Plants	10/180			
	c. Canadian Animals	10/180			
	d. Canadian Fungi/Protista/Bacteria/Archaea	5/180			
	e. Canadian Humans	20/180			
	f. Canadiana	10/180			
	g. Canadian Debt/Deficit	4/180			
	h. Canadian Sons and Daughters (The Body)	10/180			
	i. Canadian Reserves	4/180			
	j. Canadian History	1/180			
	l. Canadian Miscellaneous	1/180			
	ECO PORTION	90/180			

DYNAMIC ANTHROPOSPHERE

Ecological Economics

CURRENT CANADIAN CLASSIC ECONOMICS (See Below)

Ref: Canada Year Book 2011 © by W. R. Smith, Statistics Canada ISBN#: 978 0 660 20056 9 Ottawa CA

	Items	TAX %	Comments	2005	2009	2011
N 2.	WATER/food banks/food inspection/seed bank	2%	Most precious resource next to air			
N 3.	ENERGY/CARBON	3%	Non renewable addiction			
N 4.	CAR/roads/bridges	2%	Driving Privilege not a right			
N 5.	ENVIRONMENT/Reserves/Heritage/Climate Chg	5%	Only have the one Earth for now 1.4			
N 6.	SECURITY/CDIC/\$/peace forces/police/CSIS/fire	20%	Safety costs			
N 7.	HEALTH/ambulance/911	17%	Health costs			
N 8.	COURTS/Jails/Gun Lic/ Ombudspersons	3%	Justice for all			
N 9.	SAVINGS/EMERGENCY/RAINY DAY , TAX DEPT	6%	Be prepared			
N 10.	RETIREMENT/CPP/Funerals/Future/daycare/SPCA	8%	You deserve a break today			
N 11.	INTERNATIONAL/UN/Embassies/NATO/WHO/ISS	3%	The buck stops here			
N 12.	FED/bank of CA	4%				
N 13.	PROV	2%	and here			
N 14.	MUNI/County	2%	and here			
N 15.	UNEMPLOYMENT/DISABILITY/Welfare/HUMANITARIAN	6%	Insurance			
N 16.	INFRASTRUCTURE	7%	The codes they are a changing			
N 17.	Water/railway/SPACE(CSA)/AIR TRAVEL	2%	Keeping the skies and planes safe			
N 18.	R&D/EDUCATION/WORKMANS COMP	6%	Working is hard on the body/mind			
N 19.	CRTC/CBC/NEWS/PUBLIC SERVICE/GG/CULTURE/Olympics/MISC/Reg. Political parties \$1/vote	2%	.MISC....			
		90/180				
	TOTAL \$4.5 Trillion Dollars	180/180	= 100% of your tax dollars			
	DEFICIT			0	\$50 B	\$33.4 B
	REVENUE			\$212 B.	\$237 B	\$237 B
	EXPENSES			\$207 B.	\$287 B	\$271 B
	SURPLUS			\$5 B.	0	0
	DEBT			\$150B?	?	?

1. Calculate the yearly amount and areas of concern required.

2. Sell or loan out a fixed amount of national currency at a fixed and reasonable interest rate for the year, say premium = 1.5%

3. Sell a fixed and reasonable amount of bonds for the current year based on the budget and loans at a yield rate of at or around the money interest rate ie 1.5 %

Thus in theory the books would balance in ways and means and expenditures and revenues for the year and be roughly the same and thus would take care of themselves ie the invisible hand approach, supply, demand etc .

As far as actually paying for the budget though that would come through taxes which would be a minimum 1/4 % tax rate of income on every one except those below the poverty line. ie poverty line = the amount required for the basic necessities of national life for the year or around \$15,000?. Thus

Thus in the instance of Canada for 2012, the total budget would be roughly \$ 5 trillion or less dollars so

1. loan out \$ 5 trillion in currency at 1.5% interest for the year. July 1 to end of June

2. sell \$ 5 trillion in national bonds at 1.5% or so yield rate

3. have a basic 25% tax rate

4. have a national gst tax at 5%

5. Transfer and health payments to provinces, seniors and major municipalities at about 1/2 of 25% generated tax revenues.

PROVINCIAL BUDGET (ALTA) 1/13 Provinces Population 2.2 Million

#	Item	Ratio	2008%	2009%	2010%	2011/12	2012/13
P1.	Health Care		30%	40%	44.4% -\$14.9 Bil		
P2.	Education				16.6% - \$5.6 Bil		
P3.	Advanced Ed & Tech				7% -\$2.6 Bil		
P4.	Seniors & Com Supports				5.8% -\$1.9 Bil		
P5.	Other				25.2% -\$8.4 Bil		
P6.	Capital Plan (AB infra support)				-\$7.2 Bil		
Expenses					-\$38.7 Bil	\$39 B	\$41.1 B
Revenue	Oil Gas Taxes Other				+\$34.0 Bil	\$35.6 B	\$40.3 B
Deficit					-\$4.7 Bil	\$3.4 B	\$8.86 B
Sus Fund					+\$10.0 Bil	\$3.4 B	\$2.6 B
Heritage fund					\$10 Bil	\$10 B	\$10 B

DYNAMIC ANTHROPOSPHERE

Ecological Economics

		CITY BUDGET (RED DEER) 1/100 OF MUNICIPALITIES \$300 MILLION INCOME PER YEAR POPULATION 75000	.	2008	2009	2010
	C 1.	EMERGENCY SERVICES		15.5 %	17.6%	17.4%
	C 2.	RCMP		16%	15%	15.2%
	C 3.	REC/PARKS/CULTURE		19.7%	18%	18.1%
	C 4.	ENVIRONMENT SERVICES		0.6%	0.6%	0.8%
	C 5.	ELEC/LIGHT/POWER		2%	2%	1.8%
	C. 6.	HUMAN RESOURCES		2.8%	2.5%	2.6%
	C 7.	TRANSIT		9.2%	9.8%	10%
	C 8..	ASSESSMENT/TAX		1.6%	1.7%	1.7%
	C 9.	INFO/TECH/SERVICES		4%	4.1%	4%
	C 10.	LEGISTALIVE/ADMIN/SERVICES		2.3%	2.1%	2.1%
	C 11.	ENGINEERING SERVICES		2.4%	2.3%	2.5%
	C 12.	INSPECTION/LICENSING		1.5%	1.8%	1.7%
	C 13.	SOCIAL PLANNING		1.3%	1.2%	1.3%
	C 14.	PUBLIC WORKS		9%	9%	9%
	C 15.	NEW GREEN TECH/SERVICES		/	/	2%
	C 16.	BUSINESS/OTHER		?	?	?
	TOTAL			88.4%	87.7%	90.2% Approx \$300 Million

	#	ITEM	Ratio	2008	2009	2010
		NATUREVILLE URBAN VILLAGE 1/25 OF NEIGHBORHOODS (14.5 DU/Ha) Amort 20 Years @2011 Prices\$3 MILLION INCOME PER YEAR POPULATION 3000	2011			
		Expenses				
	NV 1.	INFRASTRUCTURE AND SERVICES AND SALARIES	-\$10.1 Million			
	NV 2.	32 Duplexes 1/2s with courtyard, garage and photovoltaic s	-\$250,000 each half \$8 Million			
	NV 3.	2 Commercial Building	-\$4.8 Million each			
	NV 4.	Community Center Bldg	-\$8 Million			
	NV 5.	Other	-\$2 Million			
			Total Expenses -\$37.7 Million			
		Revenue				
	NV 6.	40 to 64 Citizen plus 40 children and teens	+\$250,000 per person mortgage			
	NV 7.	Property Taxes	+\$80 per mo per person			
	NV 8.	Mortgage 10% Down =\$2.85 million	+\$1,600 per month			
			\$1,680 x 12 x 50 x 30 = \$28,440,000.00			
	NV 9.	Stores, offices, farmers market, tourists	\$20,000 per month x12 x 30 +\$7.2 Million			
	NV 10.	Other	+\$2 Million			
	Total +		+\$39.44 Million			
	Profit		+\$1.74 Million			

DYNAMIC ANTHROPOSPHERE

Ecological Economics

	B1	SMALL & BIG BUSINESS 1/10000 OF BUSINESSES 40 EMPLOYEES PER Biz Avg	2011			
		\$1 TRILLION TO \$1 MILLION ASSETS				
	F 1	FAMILIES OF 4 : 1/500,000 OF FAMILIES				
		\$300,000 INCOME PER FAMILY PER YEAR AVERAGE				
	S1	SENIORS AND DISABLED 33% OF POP.				
		\$50,000 PER COUPLE AVERAGE PER ANNUM				
		PERSONAL BUDGET (CITIZEN) 1/1000000 ADULTS \$30000 INCOME PER YEAR				
	PE 1.	RENT/MORTGAGE	\$695.00/mo			
	PE 2.	POWER/WATER/HEAT	\$75.00/mo			
	PE 3.	LAND PHONE	\$30.00/mo			
	PE 4 .	INTERNET/CELL PH	\$40.00/mo			
	PE 5.	HOME INSURANCE	\$25.00/mo			
	PE 6.	CAR INSURANCE	\$45.00/mo			
	PE 7.	CAR PAYMENTS/REPAIR	\$100.00/mo			
	PE 8.	GAS	\$50.00/mo			
	PE 9.	MILK/BREAD/JAM	\$20.00/mo			
	PE 10.	ALCOHOL/CIGS/COFFEE	\$200.00/mo			
	PE 11.	ENTERTAINMENT/CABLE/SOCIALIZING	\$60.00/mo			
	PE 12.	FOOD/CHEESE/MEAT	\$300.00/mo			
	PE 13.	EMERGENCY	\$30.00/mo			
	PE 14.	SAVINGS/RETIREMENT	\$50.00/mo			
	PE 15.	WINTER STORES/CANNING/CHRISTMAS	\$25.00/mo			
	PE 16.	SEEDS/GARDEN/LAWN	\$35.00/mo			
	PE 17.	TOILETRIES/LAUNDRY/CLEANING	\$30.00/mo			
	PE 18.	CLOTHING/BEDDING/SHOES	\$40.00/mo			
	PE 19.	MISCELLANEOUS	\$50.00/mo			
	PE 20.	HOLIDAY/TRAVEL/DINING/GIFTS	\$100.00/mo			
	PE 21.	TAXES/TITHING/JOB EXPENSES	\$250.00/mo			
	PE 22.	HOME MAINTAINENCE	\$100.00/mo			
	PE 23.	SCHOOLING/UNION DUES/SELF EMPLOYMENT	\$50.00/mo			
	PE 24.	HEALTH/EXERCISE/DENTIST	\$50.00/mo			
	PE 25.	FURNITURE/TOOLS/TECHNOLOGY	\$175.00/mo			
	PE 26.	FUNERAL COSTS	\$15.00/mo			
	PE 27.	ACCOUNTING/DEBT SERVICING/SERVICE CHARGES	\$150.00/mo			
	TOTAL		\$2,790.00/mo			
	X 12		\$33,480/year			
		DD. TEENS AND CHILDREN 1/1000000 OF YOUTH				
		\$5000 INCOME PER YEAR AVERAGE				

DYNAMIC ANTHROPOSPHERE

Ecological Economics

		CA. ALBERTA, PARKLAND BIOME, NATUREVILLE COLONY URBAN FARM/ \$15 MILLION INCOME PER YEAR POPULATION 150		2008	2009	2010
	HC 1.	EMERGENCY SERVICES		10 %	10%	10%
	HC 2.	RCMP		10%	10%	10%
	HC 3.	REC/PARKS/CULTURE		19.7%	18%	18.1%
	HC 4.	ENVIRONMENT SERVICES		0.6%	0.6%	0.8%
	HC 5.	ELEC/LIGHT/POWER		2%	2%	1.8%
	HC 6.	HUMAN RESOURCES		2.8%	2.5%	2.6%
	HC 7.	TRANSIT		9.2%	9.8%	10%
	HC 8..	ASSESSMENT/TAX		1.6%	1.7%	1.7%
	HC 9.	INFO/TECH/SERVICES		4%	4.1%	4%
	HC 10.	LEGISTALIVE/ADMIN/SERVICES		2.3%	2.1%	2.1%
	HC 11.	ENGINEERING SERVICES		2.4%	2.3%	2.5%
	HC 12.	INSPECTION/LICENSING		1.5%	1.8%	1.7%
	HC 13.	SOCIAL PLANNING		1.3%	1.2%	1.3%
	HC 14.	PUBLIC WORKS		9%	9%	9%
	HC 15.	NEW GREEN TECH/SERVICES		/	/	2%
	HC 16.	BUSINESS/OTHER		?	?	?
	HC 17.	Farm costs		?	?	?
	HC 18.	Mortgage costs		?	?	?
	HC 19.	Church costs		?	?	?
	HC 20.	Misc.		?	?	?
	TOTAL			88.4%	87.7%	90.2% Approx \$15 Million
	HC 21.	TEENS AND CHILDREN 1/1000000 OF YOUTH				
	Total	\$2500 INCOME PER YEAR AVERAGE				

COMPILED FOR 2012 on 8 OF NOVEMBER 2011, TUESDAY,

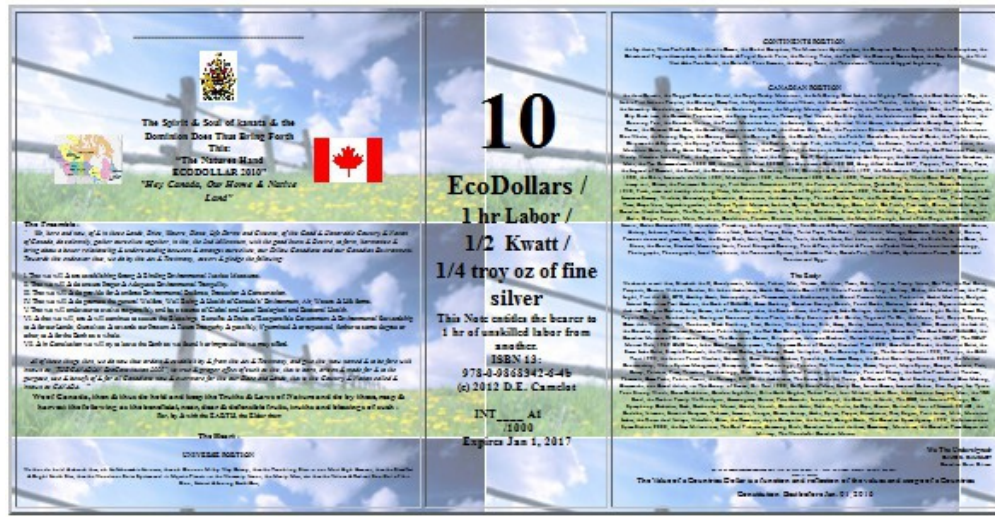
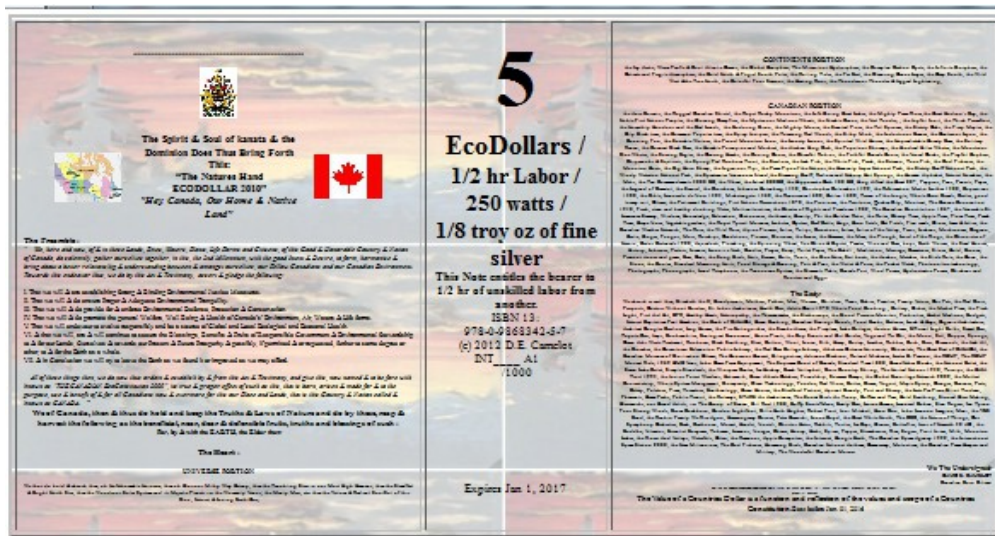
GOVERNMENT MONEY SUPPLY AND INTEREST

In order for a gov to know how much money to print per year to accommodate for pop growth and economic activity and work productivity, it should borrow money from itself in the amount of its budget and pay its central banks going interest rate on its own money and at the end of the year print that much more money ie the % to pay itself off and raise and lower interest rates to speed up or slow down productivity.

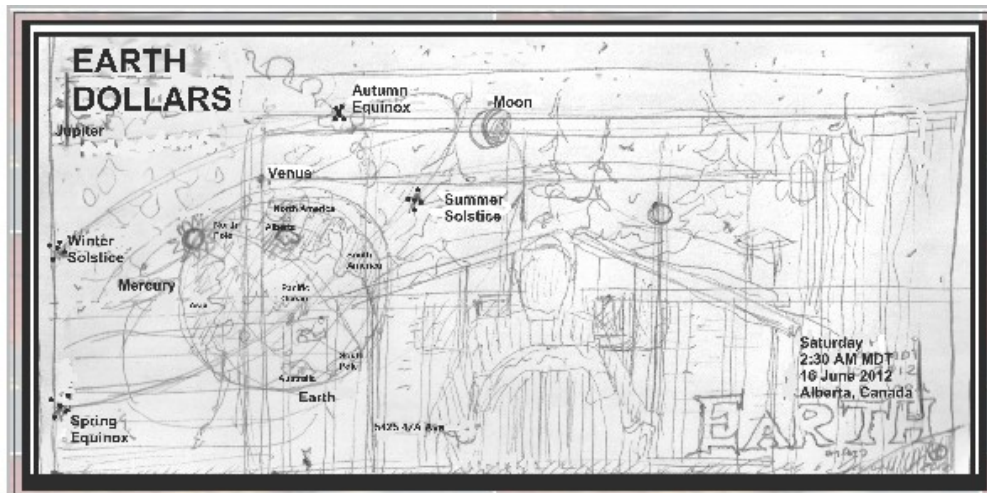
INSURANCE, INVESTING, BANKING

See "The Wealthy Barber"

Ecodollars/Ethical Dollars/ Earth Dollars & Biome Currencies



5 and 10 Dollar Denominations



 World Population 7,015,630,924 Current World Population 75,984,032 Births this year ¹ 96,886 Births today ² 33,199,780 Deaths this year 42,333 Deaths today 54,553 Net population growth for today ³	 Government & Economics Healthcare expenditure by governments worldwide today (U \$) 2,212,031,452 Education expenditure by governments worldwide today (U \$) 1,732,473,761 Military expenditure by governments worldwide today (U \$) 959,729,891 Countries in the U.N. 192 Cars produced this year 28,365,288 Bicycles produced this year 59,553,336 Computers sold this year 156,095,145	 Society & Media 548,373 Newbook titles published this year 138,637,405 Newspapers circulated today 145,726 TV sets sold worldwide today 862,945 Cellular phones sold today 30,747,349 Money spent on videogames in the world today (U \$) 2,444,134,691 Internet users in the world 72,190,474,168 Email messages sent today 153,627 Blog posts today 770,593,092 Google searches today
 Environment 6,146,386 Forest loss this year (hectares) 3,275,433 Arable land lost due to soil erosion this year (hectares) 12,186,058,275 Carbon dioxide (CO₂) emissions this year, in tons 14,562,553,107 Current average temperature (Celsius) 8,089,615 Desertification this year (hectares) 75,733 Species that have gone extinct this year 5,344,309 Toxic chemicals released by industries into our air, land, and water this year (tons) 512,657,833 Kilometers Earth has traveled in space within our Solar System this year	 Food 2,865,272,770 Tons of produced food this year 1,046,172,210 Undernourished people in the world right now 1,179,230,685 Overweight people in the world right now 350,434,681 Obese people in the world right now 7,242 People who died of hunger today 64,025,155 Money spent due to obesity related diseases in the U.S. today (U \$) 27,837,215 Money spent on weight loss programs in the U.S. today (U \$)	 Water 2,289,189 Water consumed this year (billion liters) 2,753,911 Deaths from water related diseases this year 1,391,249,095 People with no access to safe drinking water

Ecological Economics

Energy		Health	
	Energy used worldwide today (MWh), of which:		Deaths caused by communicable diseases this year
108,166,146		7,368,434	
	- from non-renewable sources (MWh)	6,024,181	Deaths of children under 5 this year
99,725,878		25,129,442	Abortions this year
	- from renewable sources (MWh)		Abortions due to a risk to maternal health
8,220,581		688,478	
	Solar energy striking Earth today (MWh)	344,239	Deaths of mothers during birth this year
10,218,278,602		31,721,195	HIV/AIDS infected people
	Oil pumped today (barrels ¹)	1,113,613	Deaths caused by HIV/AIDS this year
21,337,036		4,148,079	Deaths caused by cancer this year
1,300,266,201,164	Oil left (barrels)		Deaths caused by malaria this year
15,479	Days to the end of oil ²	550,782	
	Gas left (boe ³)	3,851,955,912	Cigarettes smoked today
1,157,214,920,798		3,657,539	Deaths caused by smoking this year
60,906	Days to the end of gas ²	982,802	Deaths caused by alcohol this year
	Coal left (boe)	585,206	Suicides this year
4,410,222,810,085			World spending on illegal drugs this year (US\$)
152,077	Days to the end of coal ²	218,316,332,146	
		693,641	Road traffic accident fatalities this year

Global Economic Crisis 2012 : Negative Interest

As a workaround on the current global economic crisis and the accumulated 20 trillion \$ dollar debt.... rather than shut the entire world down through means of an orderly or disorderly bankruptcy as would be the only real solution if past convention were followed and rather than pretend to be doing something by lending debtors more debt to somehow address the issue.... We at Natures Hand Alta, propose the implementation of the concept of borrowing or revision of some current loans in default state, to negative interest status. ie say having borrowed \$100, it revert to at a -1% interest rate per year would only have to pay back \$99 by years end.

There would be conditions to such borrowing and refinancing ie:

1. A debtor/nation/bank could not carry positive and negative interest loans at the same time.....
2. Negative interest rate loans could only be obtained via a judges ruling by those seeking bankruptcy protection.
3. A security or collateral of some sort would have to be offered by the negative interest rate applicant.
4. negative interest rates would have to be paid promptly or risk negative interest rate status or forfeit collateral of some sort for late payments

etc etc...

This at least would keep the global economy afloat until situations balanced themselves out a little better and keep current obligations, transfers or pensions, somewhat intact.

ed/natures hand alta

re: govt budget insurance 2012 (c) Earth 8:47 am mst

Well here's a concept not sure if its been done before,,,,, but set up a global budget insurance bureau where national govts buy or pay premiums on budget insurance to insure that they meet their budgets on a yearly and even decadelly basis....

details

- interesting idea though would it be to complex?
- tie needed monies up in courts?
- make more work for lawyers, judges, forensic accountants
- incentive for more budget prudence and scrutiny
- = quasi third party rainy day fund
- provide money for unforeseen and emergencies gov costs and expenses and emergencies
- max payout amount 15% of total yearly budget... if a gov is more than 15% out then its pretty much incompetent
- have insurance bureaus fund keep 60% cash reserves for payouts of good standing policies, rest could be invested in secure investments or bonds

regulated by world bank or world insurance bureau? - etc etc

will she fly...well its too late for the moment and the premiums would be pricey but something to consider for tomorrow and the future cost = 0.001 % royalty on yearly client \$ premium total to natures hand alta

ed

DYNAMIC ANTHROPOSPHERE Sensory network

The Global Ecocore Interface 2012

The Multibiome global Sensory Network

The 3,600 Solar Powered Sensors equidistant spaced monitoring global cellular tower and buoys network and interface, to measure, monitor and regulate human and environment interactions towards and of the 36 or more, following global and space parameters.

The World or Earth, does not need to be overly controlled by humanity, as over the millions of years of its evolution, the world has become largely self or multi sufficient and controlled by itself.

Rather, it is we, Human Society, that must adjust and adapt our actions, behaviors, population and aspirations, to fit into and be managed by the context and compatibility with and to the larger Earths self controlling cycles and systems, or risk the failure of both but more likely just ourselves.

Thus sadly somewhat for some, humanity does in fact live in a kind of Natural Dictatorship, an all be it kind of benevolent one, dictated though not by human agency and ambitions but by the laws of physics and nature and the laws of the planets cycles and systems and the planets finite and limited space and resources. Such thus is not a philosophical or political leaning or doctrine but more so the unavoidable reality and fact of our creation, evolution and very life's.

Though who after all decided human society should be the way it is then and or now and why and on what basis did they decide it should be that or this way? And if neither, then what determines the way human society ends up as or is? Cause and effect? Money or necessity or chance or the markets forces or ? In other words what is thus the single most and greatest factor that determines the way human society is and ends up according to our current understanding of ourselves and the solar system?

Our or the GLOBAL ENVIRONMENT!

Why? Because we, as an earth bound species of such, are totally dependent upon such from birth, in life and to death and far as we know or can now understand and for the foreseeable future. And if we are totally dependent upon such and want to stick around awhile, we thus had better not screw the global environment up to much.

So the question is or thus becomes how do we not screw up the global environment to much, so that we human species can continue to exist in a reasonable, compatible and somewhat contained way. Some kind of human containment thus is needed towards and in accordance to the logistics, laws and parameters of the global Biosphere, environment and its systems, in order to accommodate our continuance and viability as a sentient and mostly dependent earthly species.

But how is that to be done on a global scale except perhaps by designing, creating and building some kind of graceful human/environment sensory interface system by which to monitor, adjust and regulate our collective impacts and effects on the earth on a ongoing and regular basis. Call it or this say...

the GLOBAL ECOCORE INTERFACE, with the following 36 parameters or more to be monitored and adjusted to, on a 24/7/365 basis, built in to be detected in each of the 3,600 solar powered sensors placed equidistant around the Earth and data fed into several central data base collectors and monitoring stations possibly with the assist capacity of the satellites and or the ISS, International Space Station. The collected data would then be analyzed and systems on the ground, air and water adjusted towards a set base line like the one established below to retain basic system stasis. Those 36 or more parameters would then be analyzed and would then be assembled and reported via the global media at 12:01 pm noon local time zones every day except Sunday. And Have the sensor delineated and tuned to the various global biomes.

DYNAMIC ANTHROPOSPHERE Sensory network
Proposed 200 Major Earth Cities Sensor Monitoring Network.

***Implement the use of sensors to monitor city input, state and outputs
to detect any harmful agents to cities and the environment.***

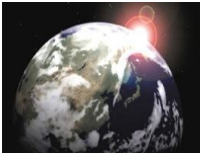
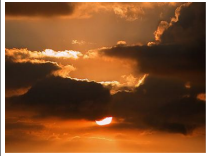
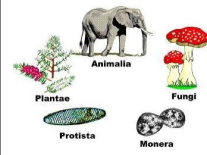
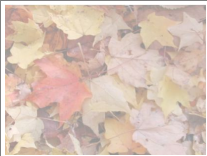
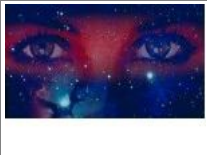
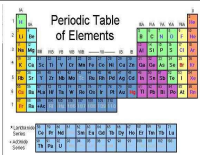
Africa	Lome, Togo	Reykjavik, Iceland	Albany NY	hikan AK
Abidjan, Ivory Coast				
	Luanda, Angola	Teneriffe Island	Albuquerque NM	Key West FL
Accra, Ghana				
	Lusaka, Zambia	Thule, Greenland	Ames IA	Kodiak AK
Addis Ababa, Ethiopia				
	Malabo, Equatorial Guinea	Australia	Anchorage AK	Las Vegas NV
Algiers, Algeria		Adelaide, Australia	Asheville NC	Little Rock AR
Antananarivo, Madagascar	Maputo, Mozambique	Brisbane, Australia	Atlanta GA	Los Angeles CA
	Mogadiscio, Somalia			
Bamako, Mali		Canberra, Australia	Augusta ME	Lubbock TX
	Monrovia, Liberia			
Bangui, Central African Republic	Mbabane, Swaziland	Darwin, Australia	Austin TX	Madison WI
		Hobart, Australia	Baltimore MD	Marquette MI
Banjul, Gambia	N'Djamena, Chad			
		Melbourne, Australia	Bangor ME	Memphis TN
Bissau, Guinea-Bissau	Nairobi, Kenya			
	Niamey, Niger	Perth, Australia	Baton Rouge LA	Miami FL
Brazzaville, Congo				
	Nouakchott, Mauritania	Sydney, Australia	Billings MT	Milwaukee WI
Bujumbura, Burundi		Caribbean	Birmingham AL	Minneapolis MN
Cairo, Egypt	Ouagadougou, Burkina Faso	Bridgetown, Barbados	Bismarck ND	Nashville TN
Conakry, Guinea				
	Porto Novo, Benin	Fort-de-France, Martinique	Boca Raton FL	New Orleans LA
Dakar, Senegal				
	Rabat, Morocco		Boise ID	New York NY
Dar Es Salaam, Tanzania		Grand Turk Island		
	Tripoli, Libya	Grand Bahama Island	Boston MA	Nome AK
Djibouti, Djibouti			Boulder CO	Norfolk VA
	Tunis, Tunisia	Havana, Cuba		
Gaborone, Botswana	Windhoek, Namibia		Bozeman MT	Oklahoma City OK
Harare, Zimbabwe		Kingston, Jamaica	Bridgeport CT	Olympia WA
	Antarctica			
Johannesburg, South Africa	McMurdo Station, Antarctica	Port Au Prince, Haiti	Buffalo NY	Philadelphia PA
		San Juan, Puerto Rico		
Kampala, Uganda			Chapel Hill NC	Pierre SD
	South Magnetic Pole	Santo Domingo, Dominican Republic	Charleston SC	Pittsburgh PA
Khartoum, Sudan				
	South Pole	Central America	Charleston WV	Portland OR
Kigali, Rwanda	Arctic			
		Belmopan, Belize	Charlotte NC	Providence RI
Kinshasa, Zaire				
	North Magnetic Pole		Chattanooga TN	Raleigh NC etc etc

DYNAMIC ANTHROPOSPHERE

Sensory Network

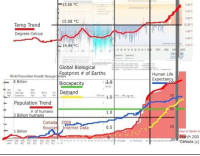
Basic Global Ecosystem Pseudo Organs Current Ecosystem Pseudo Organs Average Parameters List:

For March 2012 **High++**, **Slight+**, **Normal**, **Low-**, **Dying--**

1	Light	(11 hrs/day global average)		2	Global Temperature	(Global Avg = 15.08 C* 2008) +Land =15.5 C* + Ocean = 8.4 °C + Rain = 11.5 °C for 2012	
3	Water	(clean, fresh 2.5% of global total) - 2.3% 2008		4	Air	(O = 210k PPM, CO2 = 350 PPM Global Mean) CO2=377.3 PPM+ 2008	
5	Food	(protein, fiber, carbs, fat, minerals vitamins, etc.)		6	Life	(Animals, Plants, Etc. approx 50 Million Species?) Dying Bees--, Pine Beetle+ , Polar Bear-, Cod Fisheries-, Amphibian die off-- , 2008	
7	Wind	(average global speed 7m/sec ?)		8	Health	(37 C* human body) west Nile, mad cow, sars, aids, obesity, bird flu, malnutrition,+ 2008	
9	Earth	(land area = 56.00 million sq km) -falling 2008		10	Shelter	(400 cities globally with 1/2 human pop) +425 cities 2008	
11	Mobility	(650 million cars) 800 Mil 2008++ Denmark size global auto		12	Waste Treatment	+ Excessive Waste 2008	
13	Reproduction	(9 months humans)		14	Senses	(5 or more) (sight, smell, taste, hearing, touch)	
15	The Elements	(200 or so)		16	Food Reserves	(90 days) -54 days end of 2007	
17	Communication	(body, tone, verbal virtual)		18	Time	(365.26 days/year, 24hrs/day) +Leap Second 2005	
19	Climate	(currently warming .5 to 2°C) +.8 C* , ozone holes, 2008		20	Education	(100 million children no access 2006) 120 Million no access + 2008	

DYNAMIC ANTHROPOSPHERE

Sensory Network

21	Fire	(annual global fire rate 1% of land?) 2008		22	Death Rate	(9 deaths per 1000/day Global Avg?) 2008	
23	The 4 Seasons	(Spring, Summer, Autumn, Winter Seasons shifting?)		24	Night	+ Light Pollution 2008	
25	Population Size	(2.5 to 6.2 Billion) 7.0 Bil+ 2012		26	Rain	(Global Mean 550 cm/year ?) Slight+ 2008	
27	Disasters	Volcanoes, Hurricanes, Drought, Earthquakes, Slight+ 2008		28	Energy	(Wind, Water, Geothermal, Passive Solar, Ocean 13% of total?) 12%- 2008	
29	Biocapacity	1 for 1 world, +1.3 worlds 2008		30	Global Economy	Norm = Steady -Recession 2008	
31	Giant Fungus	3 known (Oregon, USA. 3 sq. miles) +growing 2008		32	Plant Cover	Normal = Very Diverse & over 50% of land mass -Falling 2008	
33	International space station	Started in 2000 under construction		34	The Moon and Sun	29 day moon cycle 365.26 orbit around Sun Solar Flares Galaxy combo	
35	Relative Humidity	45%		36	Barometric Pressure	98.2 Kilo-pascals 29 ins of mercury	
37	?			38	?		prepared by D. E. Camelot (c) 2008/2012

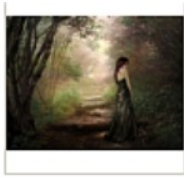
REFERENCES

PARAMETER REFERENCE POINTS OR Yearly NORMS INDEPENDENTLY INITIATED BETWEEN 1970 & 2000 AD BY VARIOUS AGENCIES, Data Derived & Gathered from the Internet (est. 1983 AD) and compiled around August of 2008 AD Canada Earth

- NASA Earth Data, Net Primary Production (NPP) ORNL, DAAC 2012 Oakridge Lab USA
- NASA Carbon Cycle and Ecosystems
- GeoCens

DYNAMIC ANTHROPOSPHERE

Daily Life



the-lonely-path.jpg



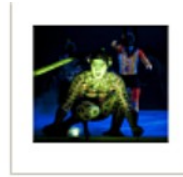
thedoorsevil.jpg



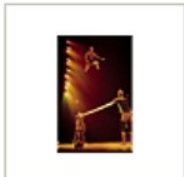
title1.jpg



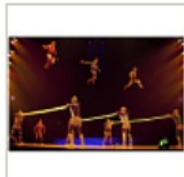
toilet.jpg



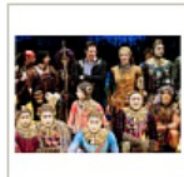
totem10.jpg



totem11.jpg



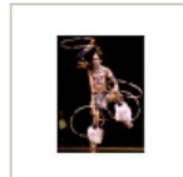
totem2.jpg



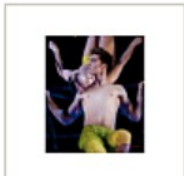
totem3.jpg



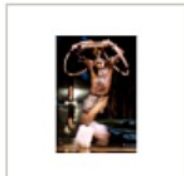
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totem5.jpg



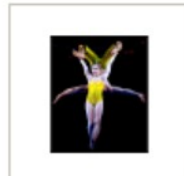
totem6.jpg



totem7.jpg



totem8.jpg



totem9.jpg



tr07m.jpg



true_love_awww.jpg



vanish1.jpg



veiledwoman.jpg



vichouseax.jpg



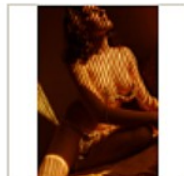
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vorapen_rm_2009.jpg



w-haiti-prayer-cp-81103
68.jpg



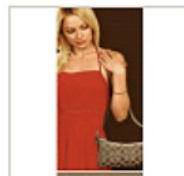
warm light 8.jpg



warm light3.jpg



warrior3.jpg



DYNAMIC ANTHROPOSPHERE

Daily Life

A PATH FROM THE CENTER: Brief Memories of David Edward "Ed" Camelot,

May 18, 2011, Red Deer, AB CA, Born April 26, 1956 in CANADA, Second Son of European Parents

2002 Seeing the moon close up through my telescope for the first time. Doing some architectural photography for local architect and photos of nature. Taking short Auto-cad 2000 course. Do web-mastering & domains and friends on net. Listening to Peter Gabriel, Bryan Adams, Frank Sinatra.

2004 Donated to womens outreach shelter, City Hall and Museum. Studying and Researching History. Listening to Beth Nielsen Chapman, Susanne Ciani, Wind and Hill-ham, Natures sounds. Donated money to the Indonesia Tsunami Relief. Donated \$ to "6 String Nation" Canadiana guitar building project. Adreine Clarkson appointed Gov Gen of Canada. Listening to Roger Hodgson, Amanda Marshall and Jan Arden. Studying Light works, Noetic Sciences, Joesph Campbell and Art and music therapy.

2005 Assembling and building good PC computers with motherboard and parts and learning Internet HTML 4 code and web mastering. Painted large murals on apt walls. Listening to Def Leppard. Sent letters to various politicians and people thanking them for the work they did or were doing. ie Former PM J. Chretien, Former Premier P. Lougheed, R. Jackson and GEN, J. Todd and MP J. Trudeau. Sen T. Banks. My Alberta Sun Centennial song aired on CBC radio. Hon Paul Martin elected Prime Minister. Coming up with Green Outs deliberate conservation power outages for time periods i.e. Earth Hour concept and events. I bought a 50 watt photo voltaic solar panel and battery storage system and produce my first very own solar electric power. Winter, Doing Gold smiting. I made two silver rings (Name sake and Star of David) and a sliver brooch (sun/moon) out of jewelry silver using the lost wax casting method. Grand Parents pass away after long healthy lives, Pet Budgies pass away. Stained glass.

2006 Coming up with design & drafting a map and calendar of the Solar System. Hon Ed Stelmach Prem. Studying anthroposphere & stigmergy. Edson holiday. Listening to Otmar Liebert, Diana Krall & The Coors

2007 June, As a kind of serendipity, synchronicity and the foreshadowing of and with one of my earlier murals, Native tipi's are set up at City Hall Park on the Summer solstice on June 21 which happens as well to be National Aboriginal day too. Fix car ICM, Have MRI tests, Diagnosis iron deficiency and side effects. Fort Norm mock battles with natives and Brits. Listening to Santana, Stevie Ray Vaughn, Arran Copelands "Fanfare", J. Handel "Waterworks", Evard Grieg s "Morning song".

2008 Spring Wrote my Ecodeclaration. Write Kids School web proposal due to DNS hole problem on Internet and WWW, Did Climate Change study, Graph and reports. Ecuador votes to become first Nation to enshrine "Nature Rights" in its Constitution. April proposed controlled breakdown of economy at new civ site on fears of economic depression 2009 come up with solar gravity battery idea.

2010 Doing memory mapping,orientation technique. Iceland snubbed because of \$ default but voted #1 on Global Peace Index. Witnessed the rare 1 in 372 year lunar eclipse on the winter solstice. Solar eclipse in Israel in Jan.

2011 Saw solid looking pyramid cloud in North east Red Deer sky in early May. Buy 2000 Neon Car. Working on my Universe History book "The Earth Sphereopedia", working on Natureville project Solar ecocity, global Ecobudget and global knowledge web page and this personal history. Cleaning up some art works and Solar Carousal map/calendar. Buying some excellent books. Design natureville urban farm, start spring seed ceremony. Body clouds.

2012 April Hon. Allison Redford elected premier of Alberta with 60 seats. Venus Transit occurs, See huge meteorite heading east at dawn on 1 July Canada day 2012. Name form change July 2. Donate 30 art works to red deer library. W. Jonas,W. Ludwig, and N. Armstrong, P. Lougheed pass over. Design new 5000/10000 year calendar for the future. Chat on Facebook with Chris Hadfields son about Int Space Stat.

5:28 AM MDT , 5* Celsius
© Monday 15 Oct, 2012, CANADA

DYNAMIC ANTHROPOSPHERE

Daily Life

1975 Listening to band America, Steven Bishop, Kenny Rankin, Bruce Cockburn (High Winds, White Sky) Seals and Crofts and the Eagles, Kenny Loggins, Ozark Mountain Daredevils, James Taylor, Wishbone Ash, Yes, Led Zeppelin, Ambrosia, Neil Diamond, Crosby Nash Stills and Young and Buckingham/Nicks and Fleetwood Mac and playing guitar around the campfire studying TV Crafts, Junior Forest Wardens and Jazz guitar.

1975 Making 2 classical guitars and one electric bass at dads shop with help of some kits and Edmonton Downtown Library and dads tools. Reading The Dove by Robin Graham, and the Whole Earth Catalog. Camping on Sheep River AB. Sitting in lobby at Banff School of Fine Arts listening to Bruce Cockburn perform over lobby speakers in Rocky mountains and heading North to Jasper where I rode a horse in the mountains north east and above Jasper amidst the Autumn splendor. Buying a Pink Fender Telecaster electric guitar. White water rafting in the Spring, Studying recording engineering.

1976 to 1977 Reading Zen and the Art of Motorcycle Maintenance book by R. Pursig and the Magic of Findhorn by Paul Hawkins, Attending Billie Hughes shows. Owning a 1969 GMC Van. Doing GMC van maintenance

1977 Liked some of the ideas of Carlos Castaneda's "Don Juan" like the "Warriors Way" and "Path with a Heart" and "man/woman of knowledge" and societies "controlled folly".

1977 Trying to build electronic graphics equalizer from scratch. Working at Theater and Music Studio. Playing guitar in Jasper and Banff. Studying life skills and electronics. Reading the Little Prince.

1978 Camping in Banff. Building a solar log cabin in the autumn out at western AB CA and the lovely wooded colors on the road and good food and swimming in the creek pond and playing creek ice hockey and making music and watching the commonwealth games. Living on Vancouver Island, organic gardening. Listening to Possiette Dart Band, Christopher Cross and John Denver.

1980 Buying, sailing and fixing catamaran with trailer on Pigeon Lake AB. CA. Gardening on acreage. Take trip to Hawaii and Calif.

1982 Flying to the Us Festival (Music Tech) in San Bernadino, California, visiting Red Woods, Flying in helicopter over San Francisco Bridge and bay. watching Fleetwood Mac perform, Jackson Brown, Hells angels there, Grateful Dead, Talking Heads, Boating on river with French woman. Thinking about Princess Grace. Reading Johnathan Livingston Seagull by Richard Bach, Simply Sane and Focusing. Listening to Dan Fogelberg, Alan Parsons, Karla Bonoff. Studying Architectural Tech, doing handyman and landscaping, Studying life skills 2. Canada's constitution and Charter is Patriated to Canada and Charter of Rights and Freedoms is ratified by Queen, PM and Provinces Premiers. Doing Drafting 1983 Started to experience some astral projection sensations due to emotional insights. Have red oneness glory encounter and prophetic dreams

1986 Being strangely moved to write my book "The Living Light." Reading Abraham Maslow, Fritz Pearls and Carl Jung, Working as sign painter, draftsman and landscaper. Wondering about the Harmonic convergence 1987 and concordance 2003. Chernobyl accident on my birthday 1987 Edmonton Tornado July 31, 1991 Painting signs, murals, win art and music prizes, visit Waterton National Park.

1995 Wrote and recorded and aired my "Oh Canada Love save us all" song for sake of Canadian Unity at time of Quebec Referendum, Canada still together. Hon Jean Chretien elected CA Prime Minister.

1998 Doing the Art TV Shows. Studying Psychology, Critical Thinking, East Meets West, Communications.

1999 Volunteered for nature and history committees and wrote many letters. Seeing wild horse at dawn by lake in the mountains. Buy Apple I Mac and Apple, Bank, Food and Health Stocks.

2001 Star of David crop circle appears in farmers field and a week later Sept 911 twin tower plane crashes happen in New York, USA.. Doing newsletter editing.

DYNAMIC ANTHROPOSPHERE

DAILY LIFE

IN WORLD

1500s French and British explorers and traders arrive on Canada's East coast and are met by Native peoples and together, begin to colonize North America.

1867 July 1, Canada becomes a Dominion of the British Empire.

1905 Alberta and Saskatchewan become Provinces of Canada.

1910s Edmonton and Red Deer become cities of Alberta.

IN EUROPE

1928/1934 Parents born in Europe

IN CANADA, Alberta

1940s Parents immigrate to Canada,

1956 Born April, Alberta Canada

1965 Collecting coins, stamps, making planes, boats, kites, luxury birdhouses, toy forts, riding bikes, chemical reactions, microscope samples, art works, doing boy scouts, camping, archery. Listening to Peter, Paul and Mary, The Sons of the Pioneers, Classical music, reading the Hardy Boys books. Millcreek walks.

1966 Playing hockey goalie with baseball ump equip and playing soccer at Elementary School, Coming in second in 1/2 mile race, Doing good in broad jump and gymnastics,

1967 Taking Art Classes and piano and choir lessons. Canada celebrates 100th birthday, Going camping in the Rocky Mountains, Listening to the Beatles and the Monkees. Dad rescuing people.

1970 Being awarded the Proficiency, Citizenship and Arts Award at Junior High School

1970 Doing headstands and yoga in the gym, Teaching myself guitar. Playing Flugelhorn and Piano.

1973 Reading the essay "About School" from I AM A SENSATION in English class & being moved by it.

1973 I once built a lean-to greenhouse on the side of the garage, amazed at how lush and thriving everything in the greenhouse was and grew and the humidity and heat it produced. It was real easy to build to and I just built it with stuff around the house and didn't have to buy anything.

1973 Doing yoga and salt water nose cleans and cross country skiing, Weight Lifting.

1974 Liked being weather person at top of south bank of river at and for High school had weather instruments from science class. Did organic gardening experiment in Biology Class. Corresponding with John Todd of the New Alchemists institute in Eastern Canada. Subscribing to Byte computer Magazine. Studying the Holy Bible, reading Tolkien's, Lord of the Rings, C.S.Lewis, Narnia Tales. Going to Stevie Wonder concert at new Edmonton Coliseum.

1974 Received High School Diploma with Matriculation and extra credits

1974 Taking St Johns First Aid training, Doing Bird watching.

DYNAMIC ANTHROPOSPHERE**Daily Life**

David Edward Camelot DOB: 26/04/1956 Edmonton AB CA

ACADEMIC RECORD 1971 to 2012

Year	Institution	Student ID	Course/Program	Credits	Grade Average	Degree Diploma Received	Ref
2002 to 2007	Red Deer College and City of Red Deer	none	- AutoCad 2000 - Goldsmithing - Stain Glass	completed	average	completed	
1983 to 1991	Athabasca U Distance	XXXXXX X	General Studies Program Art and Sciences	4 classes passed	50.52 Grade point avg 2.81	Humn 360 Psys 206 Comm 229 Phil 252	
1986 to 1987	U of A Edmonton	XXXXXX X	Intro Edpsy:Dev	1 class passed	27 grade point	Edpsy 263 Psys 228 (3) Atha Credit	198709
1980 to 1981	NAIT Edmonton	XXXXXX X	Architectural Technology	24 classes passed	77% avg	Apst 2XX At 110 (3) Apst 2XX At 115 (3) Atha Credit	198209? 199303? 199903?
1976 to 1977	Fanshawe College London Ont	XXXXXX XXX	Music Ind Arts (Rec Eng)	21 classes passed	-A	Apst 2XX Elec 140 (3) Apst 2XX Rcr 100 (3) Atha Credit	200409
1974 to 1975	Grant McEwan College	?	Music Program Jazz Guitar Music History	2 classes Passed	73%	Humn & Musi 2xx (3) Atha Credit	199303 199503
1974 to 1975	Vic Comp Edmonton	See below	TV Crafts & Performing Arts	See below	73%	1 year	
1971 to 1974	McNally Comp Edmonton	XXXXXX XXX	High School Matriculation Diploma	123	77%	Yes	

Research and Compiled on 29 Dec 2012
By David Camelot
From Official Transcripts

Green Record of David Camelot**Alberta Canada July 2012**

Well being somewhat disabled since an early age due to a kind of stroke and near death experience, it's been somewhat of a challenge to do as much for nature and the environment as I would have liked had I been more able but here is my green record since about the 1960s to now in 2013:

- I built a solar log cabin in the foothills and a couple of solar greenhouses.
- I studied a bit of organic gardening.
- I set up a 50 watt solar photovoltaic system and battery storage.
- I went without a car for 5 years ie Carbon strike
- I was the official agent for the Green Party in Red Deer in the 2004 Federal Election
- I helped reseed some natural grasses and plants in the area.
- I grew some of my own food and supported the local farmer markets and Hutterites
- I lived out at the lake when I could (had a sail boat)
- I hugged a few trees
- I keep some house plants and had and cared for some pets
- I feed the wild birds in the winter sometimes
- I've volunteered for various nature centers
- I've written letters and articles to the local paper and members of Government
- I've bought many green topic books and videos
- I attended and participated in city council environmental matters
- I switched to low power and LED lights
- I had a mountain bike and helmet which I used a fair bit
- I used public transit and walked a lot
- I reuse and recycle grocery bags
- I don't eat too much meat
- I try not to use airlines
- I do some recycling and composting
- I try not to litter
- I drive very economically and defensively and green
- I try to buy and use more natural goods and products and services
- I try to use natural cleaners like vinegar and steam
- I like to participate in Earth Hour and do my own green outs regularly
- Conceived of the Sand Gravity Battery
- Wrote the global backup plan the Earth Sphereopedia with Ecobudget

I suppose there's been other things I've done but can't recall much more at the moment so I guess despite my disability I've managed to do my fair part for the Earth.

*Thanks for the opportunity to share
David Camelot*

Author



David 'Ed' Camelot

GENERAL EARTH NEWS 5, OCTOBER 2011, WEDNESDAY

1. Sir John A. MacDonald famous house partially burned in fire in attic, \$250,000.00 in damages, current home of British High Commissioner for Canada.
2. Forbes ranks Canada #1 in biz for world for 2011, good taxes, regulations, etc. etc.
3. Some ship builder finishes 24 meter wide Noah's ark in Europe, holds 15,000 animals. Plans to sail to Britain Olympics.
4. Greek populous says austerity measures shooting themselves in the foot.
5. Global markets enter bear territory, down 20%.
6. Muppet's show introduces "Lily" as poverty, nutrition girl.
7. CBC insults Mr. Dressup and CBC.
8. \$5 million fire in south Edmonton.
9. Lot of illness and general blowing off of one and other going on.
10. Preapproved mortgages for some go for around avg of \$350,000.00 in Canada at 3.6% for 5 years, up 6%. \$1 million avg house in Van BC., \$320,000.00 in Edmonton AB CA in 2008. Preapproved mortgages now all done by machine program. Can. real estate prices too high, too much debt at low interest and wages too low, but being undercut by China and East.
11. Good book said written and published on addictions by Doctor.
12. World Health and CA health says people should limit cell phone use esp. those under 18 year olds.
13. Trial testimony say M. Jacksons \$130,000.00/month doctor not equipped to properly treat MJ at home.
14. City of Edmonton AB being bullied.
15. New Alta premier tires to prorogue autumn legislature sitting with no real mandate from gen pub, poss election in Spring. Funding for some teachers to be restored \$100 million, health care inquiry to start.
16. Someone invents "stick bomb", max # of sticks = 4000
17. Billions being spent on CA enviro and climate unaccounted for as to effectiveness as lack proper monitoring and measuring systems and some say falls short of Kyoto targets.
18. BC being pressured to sign policing agreement by Feds.
19. Global deficit at between \$30 to 100 trillion dollars including enviro deficit.
20. Googolplex not googleplex thought to be calculated at 1 with 1000 zeros.
21. Dali lama set to outline and make will on process on future status for spiritual figure head of new elected Tibet Gov. and nation
22. Car sales up in Canada with low prices and financing and cause of cheaper labor and ad costs and higher fuel efficiency.
23. New CA copyright act makes PVR recording questionable with \$500 fines. Targets large downloaders. Benefits large music entertain companies, not necessary artists or consumers. Cable and ISP now providing content in CA.
24. Global climate change thought to be going up at rate equivalent to 5 or 6 extinction events of last billions of years, current volcanoes thought to be slightly cooling planet. warming temp thought to be causing more earthquakes causing increase in tectonic plate shifting.
25. China planning to create new space station and to land on the moon.
26. Warmer autumns and cooler wetter springs noted in Canadian west over last 10 years.
27. Privatized power com rates in Alta going up and fluctuating much. New Epcor building finished. Is first new bldg in Edmonton in around 20 years.
28. Restorative justice program in Alta put under money woes though said to be very effective.
29. Some interest in new solar calendar map for 2012 by Natures Hand company.
30. Unprecedented late Canadian Doctor to receive Noble medicine prize for medical research he did on disease that produced results that prolonged his life from it.
31. New Canada gov doesn't appear to be as \$ prudent as thought and says. with expensive biz cards and fighter jets flights and political riding perks and pork by majority member gov.
32. Biz and consumers spending too much and have too much debt but aren't spending enough either and too much unemployment.
33. Canadian \$ falls below par and interest rate stays same & Fine Silver hits \$50.00 or so CA ounce high.

DYNAMIC ANTHROPOSPHERE

Daily Life

34. Possible new cancer treatment being researched a bacteria ? that attacks only cancer cells, CA researchers.
35. Libya mission proceeding, former leader still at large, Syria forming National coalition in Turkey and getting more in bad books of nations community.
36. Germany getting a little miffed at other Euro Zone nations irresponsible misspending and unproductively.
37. Van CA riot still not produced any criminal charges after 4 months.
38. Anarchist demonstrators occupying wall street for 3 weeks and spreading against nonspecific and general corporate and social ills.
39. Record insurance claims in USA in 2011 from nature disasters.
40. Ocean and rain temperature rising thought to be biggest current threat facing earth.
41. Canada to command international space station in 2012 or 2013.
42. Global crops yield a little below average and varied due to inclement weather, fires, droughts and flooding.
43. Horn of Africa/Somalia famine and drought still faces uphill battle with many deaths and need for water, food, money, organization and military protection.
44. Hippie village in Europe sells shares of no value to stay afloat, most popular tourist destination.
45. Steve Earls new album standard same good fare.
46. Australia implements limited and select carbon tax on some 300 companies and offers home owners large grants to purchase solar/photo voltaic panels.
47. Japan admits nuclear accident from quake and tsunami, mismanaged. Children from areas being monitored and tested for radiation.
48. Cyber Crime and Tech gadgets up and increasing.
49. Facebook overfiddles with its web page.
50. Google introduces social networking site.
51. Popular twitter, cell phones and operating systems being targeted by hackers.
52. Men pants made to low cut at waist and increases in plumbers crack occurring.
53. USA withdraws troops from Iraqi.
54. Osama bin ladin executed in Pakistan by USA raid for 911 attack etc., Body buried at sea.
55. Canada Afghanistan mission shifts to training and disengagement as of July 1, 2011.
56. Cross eyed badger dies.
57. Black dog and wild young deer cavort and become friends.
58. Lucy the Elephant in Edmonton to old and frail to be moved to sanctuary in South. Might die from trip.
59. Supreme Court of Canada upholds safe injections sites. Unanimously says to close them would violate CA Charter R & F.
60. CA gas and food and house prices up, inflation at 3%. Interest rates at 1.5%. House prices up 6%. Wages rising 2%.
61. Apple Computer CEO Steve Jobs dies of cancer related causes. Apple stock reaches \$600
62. Raccoons now have moved East to Calgary, Alberta.
63. North Korea leader dies suddenly, son takes over.
64. Honorable Jack Layton Canadian NDP Official Opposition leader dies from health problems. Given State funeral.
65. Former Libyan leader Gadafi murdered by opposition forces near his home town.
66. Canadian reform conservatives win slight majority, though some suspect election fraud and voter misdirection and suppression.

In conclusion.....

STUFF HAPPENS....LIFE HAPPENS..... ETC. ETC. ETC...

HAVE A GOOD YEAR.

*Brought to you by
The Canadian Rocky Mountains &
NATURES HAND COMPANY*

2010 NEWS**CANADIAN and World NEWS FOR MARCH 2010 , IN BRIEF**

1. Earth hour set for Saturday March 27, 2010 Spring lights out globally for 1 hour, from 8:30 pm. to 9:30 pm. local time. Earth hour begins in Australia with more than 1 billion people worldwide set to participate.
2. Canadians determining in general that free speech does not necessarily include hate speech and or death threats or threats of physical violence or prejudice.
3. Two Canadian soldiers charged with murder in the last 2 months.
4. Canadian Aboriginal Awards Night in Regina Canada March 26 2010
5. South Korea and North Korea's relations strained again.
6. Town in State of Washington USA for sale for around \$ 300,000.00
7. Business and investors not pulling weight in terms of taking advantage of low interest rates in helping out with Great Recession.
8. More men out of work than women in downturn but wage parity being generally reached in Countries with greater than 4% GDP growth.
9. Canadian Government Stimulus package not said by Fraser Institute to contributing much to recovery at about not more than about 17%.
10. Liberals and Conservatives in Canada deem themselves somewhat less than capable of governing by their own admission.
11. Pension plans said to be insufficient on their own currently to accommodate current lifestyles of potential retirees.
12. Airlines taxing pilots abilities by failing to take circadian rhythms in to account and ensuing pilot fatigue and confusion linked to air plane incidents and accidents.
13. Convicted Canadian criminals in jails right to Gov. pension questioned and suggestion that a portion between 10 to 40% be given instead to victims of their crime.
14. Toronto Stock Exchange features new Green Clean Tech index.
15. USA and Russia agree to new Nuclear Arms Treaty with 30% reduction of current Nuke Stockpiles. Signing scheduled for early April 2010
16. Salmon fish stocks loss unaccounted for on West Coast of Canada
17. Pope refuses to come fully honest on alleged sex abuse world wide in Roman Catholic Church or so it is alleged.
18. Israel and divided Palestine have trouble reaching accord on Jewish settlements and matter on and of independent nation status.
19. China and Google part ways due to censorship issues and Google sets up shop in Hong Kong instead admits ongoing cyber attacks.
20. K'naan Waving Flag song adopted for use in the 2010 World Soccer Cup Series.
21. Fess Parker Old Country Actor and Winery owner dies in the USA
22. Russia demands respect and clarity form Canada on disputed arctic lands and water claims and may involve settlement and resort to International Courts for resolution.
23. Canadians seem to generally support use of contraceptive for Canada and use in foreign aid projects but not necessarily such as abortion which remains a somewhat divisive issue.
24. Green recovery efforts and incentives by Canada panned as lax and not enough.

DYNAMIC ANTHROPOSPHERE

Daily Life

25. Global weather still seems to indicate difficulties suggestive of climate instability concerns and threats or cautions towards such remain real.
26. Concerns that auto makers are hiring when perhaps they should review their business plans and consider paying off their debt first.
27. USA passes historic private health insurance for majority of USA citizens. Signed into Law and approved by congress.
28. USA puts \$20 Billion Dollars towards housing crisis there for re mortgaging of homeowners in debt or distress.
29. Whale hit by boat down under succumbs to injuries and dies and is buried on beach where found.
30. Edmonton's AB CA illusive escaped peacock finally captured after alluding authorities for two weeks
31. Stork Love story out of Europe suggests storks form lasting bonds for years even when separated by long times and distances.
32. Bank of Canada suggests interest rates may rise slightly after June of 2010 from low of 0.25%.
33. Canadian dollar may not achieve parity with USA after all and may remain slightly lower in general.
34. 40 Nations to meet in USA for Nuclear Arms reduction summit at the end of April of 2010.
35. Toyota car company troubles being addressed and looked into by governments and Toyota.
36. Eco village in Craig Saskatchewan Canada faces numerous hurdles of weather, money, inexperience and poor and unclear planning and could thus use some assistance and prayers.
37. The Great Recession of 2009 is unofficially declared over in Canada in around March after two consecutive quarters of growth and the pass of the low point of market by over one year.
- 38., Housing prices in Canada still are seen to be perhaps 15 to 30 % overpriced due to under supply and but low mortgage rates.
39. Canada inflation rate for late winter exceeds 2% but is attributed largely to high prices and gouging at the 2010 Olympics.
40. Nation of Georgia mourns lost Luger from Olympics but is awarded compensation by IOC.
41. Free Speech issue flares briefly in Canada and questions legitimacy of hate speech but affirms death threats and threats of violence to others not part of free speech.
42. Cable companies in Canada under scrutiny to compensate Media networks in Canada for value of their content and programing but not necessarily in money. Government asserts does not want cost passed on to consumers.
43. Alberta Province of Canada invest rainy day fund in Alberta and issues Provincial bonds as well.
44. Chile Earth quake victims being helped.
45. Haiti Earth quake victims being helped but need more assistance and guidance in reconstruction efforts. Canada pledges to help rebuild Haiti Government infrastructure.
46. Afghan detain situation remains unresolved as USA may ask Canada to allow 600 troops or less to remain after 2011 pull out date.
47. Nature Conservatory of Canada solicits fund for project and enforcement efforts.
48. Athabasca distance U of Alberta Canada makes request for endowments from old alumni to help fund new initiatives including an Architecture Degree Program
49. NDP invites Canadians to learn more about specific bills its drafted for laws in Canada should it form the Government there one day.
50. Seniors asked to consider alternative to private auto when reaching older ages, Green Discount Senior Taxis proposed.
51. Gang Violence said to stem from feelings in youth of anger, pain, drugs and loneliness.
52. Alberta Judge throws out case on account of excessive and unreasonable use of police force.
53. Supreme Court of Canada debates its many cases.
54. Ontario Judge gives former Troy break on Careless Driving charge guilty plea.
55. Full moon coming and Spring official arrived on March 20, 2010 at 11:32 AM local time

DYNAMIC ANTHROPOSPHERE

Daily Life

56. Burka ban for Provincial service seems reasonable accommodation for religion in Canadian Province of Quebec.
57. Avalanche dangers message not getting thru to extreme sports enthusiasts in BC Canada as avalanches kill about 6 people this season.
58. Canadian Para Olympics and regular Olympics considered and deemed a success in general.
59. Native Elder and champion David A.... dies in Saskatchewan after losing battle with cancer.
60. Grave Greenhouse gas dangers exist in potential vicious cycle of newly found Methane snow fields in Canadian North.
61. Galaxy said to be more accurately and precisely mapped.
62. Heavy winters snows in Washington Capitol USA said to have impeded and hampered normal Government Business debate and operations.
63. Gas prices on rise in general.
64. Some soft drink companies prohibiting use of their soft drinks in schools.
65. CBC TV Mans-bridge talk with author on aging provides some excellent tips insights and understanding on the successful aging process.
66. Some Job and employment recovery happening.
67. EU pledges to support Greece but Iceland referendum rejects Gov. bank payment bail out.
68. British Gov. under scrutiny for alleged cutting of deals by some Gov. members with lobbyists.
69. Prince Charles makes visit with troops in Afghanistan.
70. Haiti Earthquake kills thousands like 2004 Indonesia quake and tsunami. Reconstruction going slowly amidst political turmoil. Some countries clawing back donations for rescue costs.
71. BP Gulf oil spill said to be second worst in history after Kuwaiti war oil fires. Said to be result of improper installation and lack of emergency plan. Creates dead zones on coast.
72. China and Australia experience unusual dust storms.
73. Asian Carp invade and threaten great lakes in looming eco crisis.
74. Canadians generally living longer to around 80 years old.
75. Alta. Canada baby Isaiah Brain injured new born dies in parents arms after being taken off life support.
76. Canada's 150th Birthday approaches for July 1, 2017
77. Detroit USA may consider tackling economic downturn with plan for creation of urban farms.
78. India seeks about \$50 Billion Dollars in private financing for road and infrastructure funding.
79. Northern Native Indian Band in Canada reaffirms and again bans and prohibits alcohol in 60% for ban and 40% against in reserve referendum. Alcohol Ban first implemented 2 years ago.

*Mar 27 2010
d e camelot*

Community

THE 2012 6 BASIC LAWS of the PARKLAND BIOME

1. THE FIRST LAW

The first law is that, the 12 most venerable elders (male and or female, 50+ years) of the community or so, are hereby given and granted the right and power to consider, debate, make, vote on, effect and enforce Laws to and for the community, to aide in the good governing, ordering and its management of it and its peoples, lands, environs, affairs, monies and such etc., towards the general and greatest benefit, health, goodness, rights and powers of it and its individuals as a whole, Now and for the Future!

2. THE SECOND LAW

That most of the laws be as reasonable and as just as the current thinking and times permits and prevails.

3. THE THIRD LAW

That the basic laws must be written down, taught, observed, understood, and obeyed by most, so as to preserve the good order and laws and justice of the community and reduce the general community grievances and injustices.

4. THE FOURTH LAW

That laws made, must take into mind the reasonable needs and necessities of the community and its peoples and other life forms and especially the needs and necessities of those most vulnerable or unable , whether man, beast or plant, and their lack or disability to voice and advocate on their own behalf and needs, who thus should or must have a guardian or trustee appointed to and for them, till such time or age or ability of majority and self advocacy or, who, said trustees etc, so as to advocate and or speak or vote on their behalf as well as their, the trustees own behalf and welfare.

5. THE FIFTH LAW

That those regularly and consistently obeying, observing and enforcing the laws, should from time to time, be publicly acknowledged, rewarded, honored and praised for such, in a meaningful way.

6. THE SIXTH AND FINAL BASIC LAW

Let most wake up, get out of bed, stop dithering, and chop wood, haul water and or water and tend the garden and or make lunch or sweep the floor or some such practical and needed activity, as day light and life is burning away.

7. Punishment: Failure to keep such Laws will be self evident in the failure of the community to endure.

5 March 2012, Monday
RD, AB, CA, NA, E,
-10* Celsius

THE BASIC TRUTHS 2011

15, OCT 2011, SATURDAY, RED DEER, ALBERTA, CANADA, EARTH, 10:40 AM. MDT.

4*CELCIUS, AUTUMN, MORNING

THE BASIC TRUTHS 2011**Definitions:**

GRAVITY /graviti/noun 1 the force that attracts objects towards the earth, or towards any body that has mass. 2 the quality of being heavy, weight. 3a dignity or sobriety of bearing. b significance, esp seriousness.

LAW/law/noun 1a. Rule of conduct formally recognized as binding or enforced by authority

b. the whole body of such rules, comprising common law, civil law, and statute law

Editorial Note:

Law is a rule (or body of rules) continually enforced by officials, and (unlike ethical and other rules) backed by sanction if disobeyed. Laws may be criminal (threatening punishment for anti-social acts), civil (permitting suits between civilians, for example for damage or injunctions or divorces), or constitutional, enabling a citizen to challenge the state. Laws aim is to provide justice but does not always succeed : at best, it serves to reduce the level of grievance in society – Geoffrey Robertson

NATURAL RIGHTS: Those rights which grow out of the nature of man and depend upon personality, as distinguished from such as are created by posited Law and depend upon civilized society or they are those which, by fair deduction from the present physical, moral, social, and religious characteristics of man, He must be invested with and which he ought to have realized for him in a jural society, in order to fulfill the ends to which his nature calls him. Such are the rights of Life, Liberty, Privacy, and a Good Reputation.

NATURAL JUSTICE: What an impartial and reasonable person will discern to be fair and right (and, thus, "just") by reflecting on the objective relations among individuals (whether or not any human legislation covers the relationship in question.)

NECESSARIES: An article which a party actually needs. Things indispensable, or things proper and useful, for the sustenance of human life.

Necessaries include food, drink, clothing, medical attention, and a suitable place of residence, and they are regarded as necessities in the absolute sense of the word. However, liability for necessities is not limited to articles required to sustain life, but at times goes further. (Also attention/affection, light, rest, air, warmth, potty, exercise, privacy, minimum money (income/wage), quiet, and night/darkness)

TRUTH 1: There are three conceptions as to what constitutes "truth": agreement of thought and reality; eventual verification; and consistency of thought with itself. For "Fact and "truth" distinguished, see Fact.

TRUTH 2: The relation by which the mind conforms to reality; the term is used primarily of our thoughts and assertions when they say about whatever is that it is the case and about what is not that it is not the case. By contrast, falsity is saying of what is that it is not or saying of what is not that it is.

TRUTH 3: ? showing signs of life? as well as that which can be verified of and in and or by nature?

DYNAMIC ANTHROPOSPHERE

COMMUNITY Sources

YEAR	SUBJECT	AUTHOR
2007	DEFINTIONS	From Penguin English Dictionary © 2007 Britain
2002	Natural Law and Human Nature, DEFINITONS	taught by: Father J Koterski, (the teaching company) USA
1991	DEFINTIONS	Black's Law Dictionary, USA
(1956 - ?)	DEFINTIONS	David E. Camelot, CANADA



The 2012 Galileo Law, Earth

What do humans want?

Humans want more!

But more isn't possible because of the Galileo Law and Physics of a finite and limited EARTH (Earth volume = $1.08 \times 10^{21} \text{ m}^3$), which states, "*The more humans born on Earth, past the current human population of 7 Billion, means that there is proportionately less for and to all those and than that, that we all have now, in May of 2012.*" (ie: similar in effect and outcome, of and to the law of diminishing returns.

What part of "That's all there is, for the time being" don't people understand?

I suppose as a work around or through though, folks could try being content and or mutually content a little more often, now and then.

*Note * I: With a little margin of some possible gain from the mining of asteroids and or the colonization of the Moon or Mars and or other.*

*Note ** II: Hey and don't blame me or us, I or we, don't make the laws of Nature, I or we, just observe them occasionally, from time to time.*

*Note *** III: And well then I guess the Big Guy upstairs probably still has the odd miracle or two laying around, but Heaven, Mercy and Who, only knows about that and such, and such doesn't even keep bankers hours so what can you do.....*

References:

Earth History 4.5 Billion BCE

The Planet Earth Pg 142 (World Book Ency. of Science by D. Dixon, © 1985 CE

UN Statistics 2011, Earth

DEMOCRATIC MUTUALISM

Democratic Mutualism is a proposed and theoretical modified form of Political Governance that has factual basis in reference to some of the achievements, successes and collaborations of some of human histories King/Queen Monarchies, and it is factually supported and observed as well, in studies and principles found in the biological fitness advantages found in nature, in the concept of what has come to be termed mutualism. This biological principle was and thus could deliberately be exercised and realized in National Governance Matters by the democratic election of one of various parties nominated and running unmarried (note married couples would probably complicate tax this advantage by causing excessive strain, bias or conflict of interests between domestic vs national interests and affairs) male/female pairs, who then if and once elected and sworn in would together act as a Nations Representative Sovereign and Free Governing CoPrimeministers in conjunction with the various opposition party pairs. Male international agent/rep, Female Domestic agent/rep.



Definitions/References

Mutualism From the Internet

Mutualism is a biological interaction between individuals of two different species, where both individuals derive a fitness benefit, for example increased survivorship. Similar interactions within a species are known as co-operation. It can be contrasted with interspecific competition, in which both species experience reduced fitness, and exploitation, in which one species benefits at the expense of the other. Mutualism and symbiosis are sometimes used as if they are synonymous, but this is strictly incorrect: symbiosis is a broad category, defined to include relationships which are mutualistic, parasitic or commensal. Mutualism is therefore only one type. Mutualism plays a key part in ecology and evolutionary biology. For example, mutualistic interactions are vital for terrestrial ecosystem function as more than 70% of land plants rely on mycorrhizal relationships with fungi to provide them with inorganic compounds and trace elements. In addition, mutualism has driven the evolution of much of the biological diversity we see, such as flower forms (important for pollination mutualisms) and co-evolution between groups of species. However mutualism has historically received less attention than other interactions such as predation and parasitism.

Democracy From the Internet

Democracy is a form of government in which the supreme power is held completely by the people under a free electoral system. It is derived from the Greek δημοκρατία ([dimokratia] (help·info)), "popular government" which was coined from δῆμος (dēmos), "people" and κράτος (kratos), "rule, strength" in the middle of the 5th-4th century BC to denote the political systems then existing in some Greek city-states, notably Athens. In political theory, democracy describes a small number of related forms of government and also a political philosophy. Even though there is no universally accepted definition of 'democracy',[3] there are two principles that any definition of democracy includes. The first principle is that all members of the society have equal access to power and the second that all members enjoy universally recognized freedoms and liberties.

There are several varieties of democracy, some of which provide better representation and more freedoms for their citizens than others. However, if any democracy is not carefully legislated to avoid an uneven distribution of political power with balances such as the separation of powers, then a branch of the system of rule is able to accumulate power in a way that is harmful to democracy itself. The "majority rule" is often described as a characteristic feature of democracy, but without responsible government it is possible for the rights of a minority to be abused by the "tyranny of the majority". An essential process in representative democracies are competitive elections, that are fair both substantively and procedurally. Furthermore, freedom of political expression, freedom of speech and freedom of the press are essential so that citizens are informed and able to vote in their personal interests. Data extrapolated, compiled and noted by David E. Camelot, General Researcher of Canada October 5, 2008 Sunday Autumn

DYNAMIC ANTHROPOSPHERE COMMUNITY
PARKLAND BIOME CABINET POSITIONS

PARKLAND BIOME MANAGEMENT SCHEDULE (5 year term, 10 year max term)

1. 2 elected Co Prime minsters (male and female) to govern jointly and mutually over the general affairs, commitments etc of the PARKLAND BIOME Community.
2. 1 elected Real Estate, Property and Deputy Co Prime Manager
3. 1 elected Nature, Environment and garden Manager
4. 1 elected Office Bldg. Apartment and Community Center Manager
5. 1 elected Community Energy matters Manager
6. 1 elected Stores, Canning Cooking Manager
7. 1 elected Weather, Water and Sewage/Waste Manager
8. 1 elected Accounting, Banking, Currencies, Taxes, Insurance and Investments Manager
9. 1 elected Snow removal, recycling and composting Manager
10. 1 elected News/Alerts, Fire, Security Manager, 911, Enforcement, Defense
11. 1 elected Moral, Seniors, Education/Teacher, Children, Teens, Health Manager, Media, Publishing
12. 1 elected Construction, Development and Regeneration Manager
13. 1 elected Transportation, Business, Cab, Vehicle Manager
14. 1 elected Maintenance and Restoration Manager
15. 1 elected Courts, Legal, Election, Minting and Reviews Manager
16. 1 elected The Faiths, Entertainment, The Arts, Librarian, Psychology, Culture, Burials, Manager

88 CANADIAN GOVERNANCE POINTS 2011

April 25 2011 Monday rd ab ca EARTH spring by d e camelot (c) 1956 - ?

AW

THE 2011 NATURES HAND OPEN REQUEST

[88 GOVERNANCE POLICY POSITIONS (Minutia) May 2, 2011 Federal Election Wish list
\$1 MILLION SPENT ON EACH POINT = \$88 MILLION 1/3.41 of Election Cost \$
COMPLETED AND ADDRESSED BEFORE NEXT FED ELECTION 2016?]

1. Environment/climate issue immediate but limited scope of and for photo voltaic roads solarroadways.com and electric cars, energy feed in tariffs, with pay and or \$ credits
2. Abortion when medically necessary and when population too high and adoption can not be found. Use of contraceptives and family planning
3. Separate Gun Registries for Urban and Rural areas, different realities, equal but not same or more leniency for registered rural gun holders who face greater & dif dangers.
4. Notify NATO accept conditional surrender of Gadaffi talks with & in Libya for June 1 2011 & leave copy CA Charter for Afghanistan to emulate & out fully by Jan 1, 2012.
5. Pay off deficit by selling off Gov. holdings of private banks good mortgages, sell back to banks. \$30 Billion for Gov. revenue. Try keep inflation under 3 %
6. Keep prime interest rates low or same till April 30 of 2012 or about 1.5% at most?
7. Buy only 1/3 number of fighter jets to create jobs and taxes but save money
8. Freeze corporate taxes or raise up 1.3% to around 17%
9. Create Green Core Environment warm seasons Fire/Ranger jobs 2,000 positions
10. Re Homosexuality. Gov. and Media have no place in bedrooms of nation unless it involves stopping child molestation, sex abuse and prostitution.
11. Genetically modified crops only when no alternatives
12. Some stem cell and biomedicine research, no human cloning maybe organ/blood/skin growing
13. Euthanasia only after stated long delay dead line. min wait one year.
14. Help disabled and veterans, index pensions and provincial assistance to inflation
15. Nuclear and oil energy only for limited, blackout and emergency use = ideal, 30 % more renewable and regenerative sources
16. Cap Canada's Nuke and nuke weapon activity and programs and mining, Max 5 *
17. Health Care, train 20 % more doctors and nurses and in preventative and holistic medicine and maybe set up registered health care savings and investment plan
18. Gov. pay 50% of prescriptions program but make less use of pharmaceuticals, more exercise, better diets
19. 1% GST Carbons subsidies to businesses who reduce CO2 & pollution emissions
20. \$1 Million for Public transit subsidies and retrofits
21. Mandatory 1/2 healthier foods in fast food chains 20% less fat, sugar, salt, msg
22. 5% + Physical activity encouragement & exercise bikes to generate grid electricity
23. \$1 Million for more emphasis in education on heuristic, self teaching
24. \$1 Million more funding for classical arts and classical and nature broadcasters
25. \$1 Million increase Canada pension plan payments and transfers.
26. \$1 Million Funding for Quebec Heritage museum
27. Set up and sell Canada green long term, decade and century green bonds
28. increase urban farming/agriculture, farmers markets, help farmers more
29. Strengthen ties & trade Russia, Germany, India, China, Brazil, Japan & Australia.
30. \$1 Million more funding and support of and for Canadian Space Agency

DYNAMIC ANTHROPOSPHERE

COMMUNITY

31. Address media, car makers, Internet, content, copyright, royalties, conflicts of interests, Canadian content, more content notifications and ratings
32. Judges and senators nominated and elected by all members of the house of commons
33. Ask Speaker of house to be more active and effective in maintaining decorum and civility of the house.
34. Revert back to RCMP former officer chosen as head
35. Reinstate position of former Canadian nuke watch person
36. \$1 Million to increase silver holdings and reserves
37. Make harder for young to drive, encourage bikes, electric scooters, green taxis, walking and public transit.
38. Life jackets and helmets mandatory, no under 14 year olds on quads and snow mobiles
39. Improve food and consumer goods, rules and safety and inspections
40. Plan for more seniors and housing and home care
41. Increase funding for aboriginal youth to complete high school and college
42. Ban asbestos and its export
43. Increase environment disaster activities of DART and Military
44. Keep questionable immigrants at sea not on land till cleared of specious ID and or criminal activities and allegiances
45. Renew Quality of life index work
46. Rebuild up food, seed and water stores and reserves
47. Funding and encouragement for girl guides and boy scouts and junior forest rangers and Katimavak
48. Have Dr designated and approved maximum violence limits in sports, no head shots and or impose an injury rehabilitation tax in ticket prices.
49. Increases in productivity should be accompanied by some increase in wages and benefits
50. \$1 Million to help out small business with loan assistance
51. Invite the soon, Royal Couple to Canada along with the President and wife of the USA for a short get together and meet and greet in the Canadian Rockies on July 1, 2012 to celebrate the 30th birthday of the Can. Repatriation and birth of the Charter.
52. Pay down debt and deficit but keep up and retain infrastructure quality and use and social and health safety net
53. Assert and defend Canadian presence in Arctic with research and environmental stations and rescue and defense out posts.
54. Use more restorative justice in court system, conditional unique sentences, dialog and restoration between victims and offenders.
55. Make prison more humane and effective in rehabilitation but use tough love and compassion and discipline approach
56. 1% Lower tuition's and student loan costs.
57. Build proper castles for Canadian citizen Santa Claus at North pole and Bermuda.
58. Have national no car use day June 15 and national earth hour day end July week end
59. Maintain legal aid funding
60. Keep up and conserve and regenerate beauty and resources of national parks, land reserves, plant and animal species and waters and air
61. Revitalize and modify former PM Paul Martins Natives Kelowna Accord? and increase living standards, jobs, businesses, housing and water standards on reserves
62. Provide more daycare spaces and funding, parenting education courses
63. Provide house wife/husband tax free small honorarium
64. Provide community volunteers with some tax breaks or honorariums on fuel, clothes etc
65. Put Nature Rights and enforcement in Canadian Constitution and Charter
66. Update Can emergency measures act
67. Renew commitment and sponsorship to UN and G 8/20.

DYNAMIC ANTHROPOSPHERE

COMMUNITY

68. Compensate victims of torture, war, crimes against humanity
69. Establish national climate change insurance policy and program and fund
70. Reduce credit card interest rates and bank service charges
71. Regulate pawn and payday loan business, enforce criminal interest laws and cap max amount for admin fees
72. 5% Reduce highway speeds and limit texting and distractions while driving
73. Give out to good citizens complementary purchase vouchers
74. Have more regional input from Provinces and Territories in House of Commons to address regional biomes and ecozones concerns and needs
75. \$1 Million for more housing for homeless, seniors, disabled and home care
76. Shorten work week 37 hrs, have work from home part time initiative in businesses
77. \$1 Million for more help for vets and injured vets with post traumatic stress
78. More rehabilitation and other career training for prostitutes on streets in motels
79. More help for gambling addictions and put cap on amount of profits 175 % max for Gov. and private moneys made by gambling revenue rest must be used for non profits.
80. Better strategy for sewage and waste treatment, more composting
81. More organic gardening, less food wastage
82. Police Internet for bullying, rip offs and child porn sites
83. More commitments on paper and less promises by politicians
84. Layout clear transparent, reports, budgets, and time tables.
85. 2% Increase medical marijuana supply & presc. but watch for psychosis problems
86. \$1 Million for more funding for libraries, museums and nature reserves.
87. \$1 Million for more and enhanced training for RCMP and Peace Forces.
88. \$1 Million for greater funding and emphasis on and for mental health and wellness

References

Canadian Media (TV, Radio, Print, Internet) and Publishers 2008 - 2011

Can Gov. websites

Fellow Citizens

If some party can agree and commit to do most of those then I reckon you gladly got my vote and more. Well I'm not hearing what I want to hear so will say it myself. J. L.?

NATURES HAND Rep.: Mr. David E. Camelot © 2011 CANADA

DYNAMIC ANTHROPOSPHERE

COMMUNITY

RE: ALBERTA CITIZENS INITIATIVE AGENDA/TO DO LIST FOR NEW INCOMING GOV OF ALTA

PROV ELECTION APRIL 23, 2012 "Alpha Omnibus Bill 2016"

44 ISSUES, Possible Bill, TO BE Debated and Addressed after April 2012 and complete by April 2014

Electorate and Parties AGREEING TO COMMIT \$100,000 MIN. TO EACH Issue per annually.

Total Cost approx.\$4,500,000 currently for 2012 = \$1.60 per = 1 cup coffee or pop/Avg. Albertan/Year

#	ISSUE	COST	DEAD LINE
A.	Health		
1.	Issue Citizens encrypted health chip card with diagnosis's, test results, meds & family med history on it that they carry and take to appointments and emergency, Reinstate Universal \$100/year prem.	\$100,000	Jan 1, 2013
2.	Provide adequate support to include mentally challenged and brain injured participation and involvement and living in community. Club house model in home/outdoor/garden settings	\$100,000	Jan 1, 2015
3.	Tie Health Providers remuneration and awards to performance, standards, outcomes and goals and support a health strategy of more prevention and natural methods ie exercise and diet rather than current obesity & side effects producing (decrease use 10%)pharmaceuticals, local health boards Create Senior Nurse & Pharmacists to share more responsibility under doctors but above regular.	\$100,000	Jan 1, 2014
4.	Encourage more citizens participation in sports rather than just as spectators \$500 tax credit	\$100,000	Jan 1, 2015
5.	Index AISH to inflation each April and increase allowed asset amount to \$160,000	\$100,000	Jan 1 2015
B.	Climate, Environment, Species and Parks		
6.	Create Provincial Environment Legislation to recognize some basic rights and needs of and for Nature. See Ecuador constitution 2008 Alta Environment Charter 2012	\$100,000	Jan 1, 2015
7.	Move to more biome governance model and consideration rather than current geopolitical/ state model and create Provincial green product and services standards and enforcement body	\$100,000	Jan 1, 2016
8.	Ensure and guarantee preservation and conservation of our National and Provincial parks toward their true and pristine origins. Provide more free park entrance and camp site days, Fire Awareness	\$100,000	Jan 1 2014
9.	Create an independent Environment trustees office to ensure that Altas Nature Capital and Services are recognized and economically accounted for and benefit returned. 10% of Prov Budget	\$100,000	Jan 1, 2015
10.	Commit the Province to keep overall CO 2 levels to under 400 ppm as a whole and create a Provincial Climate Insurance Fund to deal with climate related claims. Ban Air conditioners	\$100,000	Jan 1, 2013
11.	Create wild horse and endangered and exotic species and pet protection force and sanctuary.	\$100,000	Jan 1, 2014
12.	Have independent qualified environmental assessments and monitoring body with veto powers and provide demonstrable long term evidence of land reclamation assurances and water safety	\$100,000	Jan 1, 2013
C.	Aboriginals and Youth		
13.	Create seasonal nature and cultural tourism opportunities for Alberta Natives	\$100,000	Jan 1, 2015
14.	Ensure adequate protection of Provinces children from possible dangers in industry, transmission towers, radiation, radio waves, wifi and cell phones by adequate testing, regulation and standards.	\$100,000	Jan 1, 2014
15.	Provide mentor ship and society programs for provinces natives youth and urban teens to avoid gang and drug abuse problems	\$100,000	Jan 1, 2015
D.	Media and Arts		
16.	Provide some stable patronage funding for classical fine arts in Alta and Alta College of Pret. Prem.	\$100,000	Jan 1, 2014
17.	Require Alta media outlets to have 14% provincial made ethical content on programing,home grown	\$100,000	Jan 1, 2015
18.	Return some funding to CBC & Provinces CKUA to restore them to original unique programing	\$100,000	Jan 1, 2015
19.	Ensure better truth in advertising standards and consumer and food and product protection	\$100,000	Jan 1, 2014
E.	Business, Employment, Energy and Resources		
20.	Provide incentive and feed in tariff profits and tax breaks of 5% for renewable energy source providers in province.	\$100,000	Jan 1,2015
21.	Provide funding for research and development and implementation of water gravity battery clean electrical energy storage system in Alberta power grid and hydro dams. Less coal generation.	\$100,000	Jan 1, 2016
22.	Slow development of Alta oil sands but offset by creating more value added refining and secondary products industries with tax break of 3%.		
23.	Get better value and royalties for the Provinces resources, min. 7% of totals	\$100,000	Jan 1, 2014
24.	Ensure Provinces biz colleges and universities include some ethics and eco economics courses	\$100,000	Jan 1, 2013

DYNAMIC ANTHROPOSPHERE COMMUNITY

#	ISSUE	COST	DEAD LINE
F.	Education		
25.	Assure adequate protection and investment in and of provinces youth on line by providing a more private policed & safe separate Internet network for those under age of 14 Say no to Bullies & drugs	\$100,000	Jan 1, 2014
26.	20% lower tuition fees for students & more scholarships & grants, longer time to pay back, lower %	\$100,000	Jan 1, 2015
G.	Agriculture, Ranching and Forestry		
27.	Ensure continued existence of family farm and self sufficiency of rural communities with provincial support and programs offset by greater return on their crops and products	\$100,000	Jan 1, 2015
28.	Ensure rural landowners rights protected or adequately compensated , support young farmers	\$100,000	Jan 1, 2014
H.	Workman's Comp. Transportation and Infrastructure		
29.	Create mid cost high speed rail line between Edmonton and Calgary with stops in Red Deer	\$100,000	Jan 1, 2015
30.	Provide greater safety, quality and green standards and regulations to provincial building industry and building code and make workman's compensation system more empathetic.	\$100,000	Jan 1, 2014
31.	Create a rolling over infrastructure trust and insurance fund to ensure adequate upkeep and maintenance and modernization of Alberta's Infrastructure, 3% contributed yearly	\$100,000	Jan 1, 2013
I.	Corrections, Laws, Judges and Legal System		
32.	Increase Restorative Justice program and restore adequate legal aid funding to Alta low income, those under \$25,000 /year qualify and do not claw back disability benefits from federal gov disability tax credits program and have 2.5% pro bono requirement of legal firms	\$100,000	Jan 1, 2013
33.	Revise and update and create a summary digest of Alberta legislation and statutes	\$100,000	Jan 1, 2015
34.	Provide more educational, rehabilitation, restoration and reconciliation opportunities and measures for Alta prisoners. Keep 0.05% alcohol level , increase penalties for injury/death offenses sen by 1.3	\$100,000	Jan 1, 2014
J.	Families, Seniors and Societies		
35.	Ensure adequate funding and care and housing for seniors and that they are treated with proper activities and dignity & not abandoned or abused by family and society. Create sup 2% AB pension	\$100,000	Jan 1, 2013
36.	Provide more support to the traditional nuclear family, church groups, sports groups service clubs, scouts, arts and non profits but ensure prevention of sexual abuse and abusers and predators.	\$100,000	Jan 1, 2015

K.	Finances and Taxes		
37.	Increase sin taxes by 5% but provide more support and rehabilitation and safe houses, rehab programs ADDAC for addicts and prostitutes. Deferred Property Taxes for Seniors.	\$100,000	Jan 1, 2014
38.	Give Alta Biz a 3.5 % tax break when they subscribe to LEED, ISO quality and green eco standards and have a provincial earth hour day and car free day.	\$100,000	Jan 1, 2013
39.	Give 2% tax break to Judges, Astronauts, Police, Fire, Paramedics, Forest Fire, RCMP and CA Peace Forces stationed in Alberta	\$100,000	Jan 1, 2014
L.	Municipal, Federal, International and Space Relations		
40.	Develop closer relations with UN, GEN, Europe, China, India, Brazil and USA and Eastern Canada	\$100,000	Jan 1, 2014
41.	Allow cities 2% greater taxing powers, and petition Fed Gov for 5% more city funding	\$100,000	Jan 1, 2015
42.	Give Support to Edmonton provincial museum and create a Provincial telescope observatory and give support to the Canadian Space Agency	\$100,000	Jan 1, 2015
M.	Future, Investments, R&D&D, Savings and Emergencies		
43.	Top up funding back to Heritage & Sustainability Savings and Emergency Funds, Update Emer Act	\$100,000	Jan 1, 2014
44.+	Other, Misc???? ie: (provide investigative and experimental non profit funding and status to Google.org, Wikipedia, Social Media (You tube, Twitter, Facebook, Hot mail), Occupy and Anonymous Societies to continue to do contributive & constructive things for Alberta & CA Society)	\$200,000	Jan 1, 2016

Current 2012 Alberta Provincial Books Balance and Stats for April 4, 2012

Province Stats	Markets Stats
Revenue : \$ 40.3 or \$40.2185 Billion Expenses: \$41.1 Billion + \$4.5 Million (see above) Deficit :\$886 Million Sus Fund: \$3.7 Billion Heritage Savings: \$7 billion?	Crop Yield for 2011: above average, Price of crude oil about \$100/barrel? Fine Silver \$33/roy ounce Out look: Crop outlook: Wet and warm Forecast average, Price of Crude for 2013/14: \$110/barrel + Price of Fine Silver for 2013/14: \$35/roy ounce stable

References : Alberta and Internet News Media, Government Websites.

Prepared by a concerned and considerate Alberta Canadian Citizen. 2012 10:20 pm MDT, 7 April 2012, Saturday, Natures Hand Company

COMMUNITY SPIRIT/CULTURE/MEDIA (SATURDAYS)

1. **FOOD:** Wine & Beer, Pizza, Chips, Chicken, Lasagna, Roast Beef, Peanuts, Chocolates Raisins, Pies, Ice Cream, Cheeses, Dips, Burgers, Milk, Eggs, Butter, Spices, Fruit and Veggies and Fondue.
2. **SPORTS:** Hikes, Cycling, Volleyball, Badminton, Snooker, Ping Pong, Horse Shoes, Arm Wrestling, Flag Football, Road Hockey, Swimming, Jogging, Walking, Canoeing & Sailing, Camping, Cross Country Skiing, Fishing, Archery and Soccer.
3. **GAMES:** Bridge, Chess, Risk, Monopoly, Crib, Kite Flying, Bird Watching, Knitting & Sewing, Astronomy, Guitar Building, Bike Repair and Customizing.
4. **MUSIC, DANCE & CHOIR :** The Eagles, Doobie Brothers, The Doors, The Beatles, Seals & Crofts, Crosby, Stills, Nash, Led Zep, The Police, Cat Steven, America, Liona Boyd, Gordon Lightfoot, Joni Mitchell, Bruce Cockburn, Neil Diamond, Classical Music, Billie K. Hughes, Sir David, Lazurus, Kenny Loggins, Fleetwood Mac, etc..
5. **ART & PHOTOGRAPHY:** Emily Carr, The Group of Seven.
6. **PRAYER, MEDITATION, YOGA, TAI CHI, GIRL GUIDES & BOY SCOUTS:** Candles, Incense and chanting.
7. **HEALTH & FIRST AIDE:** Vaccinations and routine 6 month physical, stool, urine, blood test.
8. **READING/LIBRARY:** The Little Prince, Johnathon Livingston Seagull, Robert Frost, The Hobbit, Ursula Le Guin.
9. **BIRTHDAYS, ANNIVERSARIES, SOLSTICES, THANKSGIVING:** Day Planners/Calendars and Equinoxes.
10. **PETS:** Dogs, Cats, Horses, Birds, Fish and Hamsters.
11. **MEDIA:** Once weekly Saturday Night 4 hour Media Session. Community Radio, From 8:00 - 12:00 PM (Music, Sports, Local/World News, Weather, Business, Social News).
12. **CRAFTS:** Shoe making/repair, Tailoring, Dress Design/Making, Basketry, Pottery, Gold Smiting, Glass Blowing, Stained Glass, Art Painting, Ceramics, Cheese and Wine making, Sausage Making.

DYNAMIC ANTHROPOSPHERE**COMMUNITY****Sample Form****COMPREHENSIVE LIFE AND DATA RECORD****For Randy Smith****24 April 2013****Cell Ph # 403-XXX-7989**

Record Type	Details	Other
Birth/Citizen Record:	12, XX, 1966, Calgary, Alberta Canada, Canadian Cit. SIN # 629-XXX-843	
Residence Record:	Calgary 1966-1976, Windsor, Ont. 1976/77, Vancouver 1977/79, Revelstoke, BC, 1979/80, Calgary 1980/89, South Alta, 1990/95, Saskatoon 1995/2013, # 4641-99 Str.	
Education Record:	High School Diploma 1974, Student # 5980-10XX-6, 4 years various post secondary 1975/2007	
Health Record:	No Health Problems, Vaccinations , AB H. #96XX6-4999	
Criminal Record:	None, parking tickets 1983,	
Employment Record:	Various 1968/1986, Self Employed 1987/2013	
Religious Affiliations:	Lutheran Baptism and Confirmation, Lutheran Buddhist	
Driving Record:	No accidents or demerits, 1973/2013 Drivers Lic # 4538XX20 Lic Plate: EUA XXX	
Credit Record:	No outstanding debts or charges 2013, Equifax ref # 00044XX3842	
Medication Record:	Vitamins B12, D, C, Iron, Aspirin, Stellazine,	
Travel Record:	Alta, BC, USA 1962/70, London Ont, 1976/77, Edmonton 1977/80, BC 1980, Hawaii, California, USA 1980/82, Passport # QC896XX8	
Awards Record:	Scouts 1967, Proficiency, Art, Citizenship 1968, Art 1969, Art 1987, Music 1993,	
Volunteer Record:	Church Band, 1968/73, Shaw Cable 1975/ & 1997to2004, Recording Studio 1977, John Wood Nature Center, Ft Harry 1998/2000, Tax Org VP 2000/2008	
First Aid Record:	Saint John's Ambulance Training, 1970	
Dental Record:	Various Fillings 1960 to 2013, Root Canal 1980, Wisdom Teeth pull 1998, Root Canal 2010, Missing up left tooth,	
Service and Military Record:	Boy Scouts, Junior Forest Warden, Official Agent Fed Election,	
Investment Record History:	Bank, Apple com, Map L Foods, Health Ser, Stocks, Gov Savings Bonds, Gold, Silver, Real Estate	
Marital Record:	Married 1982,	
Invention Record:	Degree in Solar Engineering, U of R	
Company Record:	Red Leaf Com. Alta. Est. 2000 , Reg. 2011 Reg # TN162XX109	
Termination Record:	Personal Directive 2009, Current Will 2013, Wish to be Cremated.	
Legacy Record:	2 Children, Books, recordings, Artwork, Pics and memoirs.	

WORLD WIDE WEB / Education

PART 2

CONTENT and OTHER MATTERS

INTERNET BIOME BASED EDUCATION 2008

See Part One Substantive matters

7 & 8. School Web Program & Content Providers & Consultants

Capacity Nominee

swweb Content 1 Matters Websters Visual Dictionary Rep
swweb Content 2 Matters Wikipedia Rep
swweb Content 3 Matters National Geographic Rep
swweb Content 4 Matters CBC Rep
swweb Content 5 Matters Canadian Encyclopedia Rep
swweb Content 6 Matters Sesame Street Rep
swweb Content 7 Matters Disneyland Corp Rep
swweb Content 8 Matters PBS Rep
swweb Content 9 Matters Harry Newton Telecom Dictionary Com. Rep
swweb Content 10 Matters Blacks Law Dictionary Rep
swweb Content 11 Matters Google Earth Rep
swweb Content 12 Matters Natureshand Rep
swweb Content 13 Matters Sparrow Consulting Rep
swweb Content 14 Matters NP Music? Rep
swweb Content 15 Matters JC Photograph? Rep
swweb Content 16 Matters David Suzuki Foundation Rep
swweb Content 17 Matters Kerrywood Nature Center Rep
swweb Content 18 Matters Planned Parenthood Organization Rep
swweb Content 19 Matters The Dali Lama Rep
swweb Content 20 Matters Space.com Rep
swweb Content 21 Matters CKUA Radio Rep
swweb Content 22 Matters World Health Organization Rep
swweb Content 23 Matters Community Credit Banking Rep
swweb Content 24 Matters Citizen at Large 1 Rep
swweb Content 24 Matters Citizen at Large 2 Rep
swweb Content 24 Matters Citizen at Large 3 Rep
swweb Content 25 Matters High School Students Union Rep
swweb Content 26 Matters The Tyrol Museum Rep
swweb Content 27 Matters Head Smashed In Buffalo Jump Rep
swweb Content 28 Matters The Royal Alberta Museum Rep
swweb Content 29 Matters First Nations Rep
swweb Content 30 Matters Canadian Katimavik Program Rep
swweb Content 31 Matters Junior Forest Warden Rep
swweb Content 32 Matters St. Johns Ambulance Rep
swweb Content 33 Matters The Red Cross Rep
swweb Content 34 Matters Evergreen.ca Rep
swweb Content 35 Matters Drumocracy Rep
swweb Content 36 Matters UN World Food Standards Org Rep
swweb Content 37 Matters UN Agriculture and Ocean Rep
swweb Content 38 Matters Canadian Environment Network Rep
swweb Content 39 Matters Ocean Arks Rep
swweb Content 40 Matters Findhorn Rep
swweb Content 41 Matters Frank Lloyd Wright Org Rep

DYNAMIC ANTHROPOSPHERE

Education

sweb Content 42 Matters A T NAIT Grad Rep
sweb Content 43 Matters CMHA Rep
sweb Content 44 Matters Scouts Canada Rep
sweb Content 45 Matters Leeds Green Standards Rep
sweb Content 46 Matters Earthhour.org Rep
sweb Content 47 Matters Museum of Civilization Ottawa Rep
sweb Content 48 Matters Male Parent at Large 1 Rep
sweb Content 49 Matters Female Parent at Large 2 Rep
sweb Content 50 Matters Single Parent at Large 3 Rep
sweb Content 51 Matters Adoption Parent at Large 4 Rep
sweb Content 52 Matters Weather and Climate Change???? Rep
sweb Content 53 Matters MSF/Doctors Without Borders Org Rep
sweb Content 54 Matters ISEE/I.N. Soc. for Ecological Economics Rep
sweb Content 55 Matters Teachers Union Rep
sweb Content 56 Matters School Board Rep
sweb Content 57 Matters Dept. of Education/Learning Rep
sweb Content 58 Matters Computing IDG Books Maran Graphics Rep
sweb Content 59 Matters Red Deer College Library Rep
sweb Content 60 Matters Grandparents Rep
sweb Content 61 Matters Tree of Life Site www.tol.org Rep
sweb Content 62 Matters Encyclopedia of Life Site www.eol.org Rep
sweb Content 63 Matters Astronomy Nasa. Gov Rep Spaceweather.com Rep
sweb Content 64 Matters Environment Wiser.org, bioneers, GEN Global Ecovillage Network

9.School Web Social Media

sweb SM Facebook Rep
sweb SM Twitter Rep
sweb SM YouTube Rep
sweb Media News Content CTV, Global, CBC Eng/Fr, City TV

10. School Web Other

Global Cultural and Regional Matters

Translation Services and
European, Asia, Africa, South America, Middle East And Quebec
Request For Content and Cultural comments

11. School Web Music, Arts, Gaming, Apps, Simulators Matters

12. Miscellaneous

Data base logistics and software, SQL, Telnet, Email Server, POP, C, Java,
Flash, Ajax, Web Servers, Apache, Windows 2008 Server,
Open SSL, ATM, Cisco Nexus 7000,

Fiber Optic Network Structure ?

PAN = Personal Area Network

LAN = Local Area Network

MAN = Metropolitan Area Network

WAN = Wide Area Network

SAN = Service Provider Area Network

NAN = National Area Network

RAN = Regional Area Network (IXP)

BAN = Backbone/Network Provider Area Network

GAN = Global Area Network

(IXP = Internet Exchange Point)

(SSCP = System Services Control Point)

(Wan Access Server)

(Supernet Access = Alta. Gov

DYNAMIC ANTHROPOSPHERE**Education***Updated 7 Oct 2012 Sunday***REFERENCES**

YEAR	SUBJECT	AUTHOR	PLACE	ISBN
2008	DNS Hole, Internet Design Flaw Incident	VINTON CERFs, 1983, JAN 1, not enough variables in DNS algorithm	Black Hat Meeting, Las Vegas, USA?	NONE
2007	Newton's Telecom Dictionary 23 rd Edition	Edition by Harry Newton © 2007, Published by Flatiron Publishers	New York, NY. USA	# 0-9793873-0-2
2000	Dictionary of Computer and Internet Terms	Author: Douglas Downing By Barron's Business Guides, 2000 © by Barron Educational Series	USA	# 0 7641-1265-1 Lib of Cong Cat Card No. = 99-35913
1999	Teach Yourself HTML VISUALLY	© 1999 by maranGraphics Inc. IDG Books	Ont. CA.	# 0-7645-3423-8 Lib of Congress # 99-067074
1995	World Wide Web Organization, HTML, WWW	TIM BERNERS-LEE , CERN, http://www.w3.org	Geneva, Switzerland,	none
1983	Internet Grandfather and Co-Creator http, TCP/IP Protocol , Jan 1, 1983	Vinton Cerf, ISCO	USA	NONE
1969	COMPUTER COMMUNICATIONS NETWORKS, ARPANET	UNITED STATE DEPT OF NATIONAL DEFENSE	USA	NONE
1947	The Invention of the Transistor	John Bardeen & others, Bell Labs	USA	Patent # ?
1877	The Invention of the Light Bulb	Thomas Alva Edison	USA	Patent # ?
1875	June 3, 1875, Invention of telephone	Alexander Graham Bell	Scotland/Canada	Patent # ?

EDUCATION***Vocational Education and Safety******See: Vocations (Ecological Economics pg 167)******#8 Skilled Trades******a. Woodworking***

***(Woodworking Safety Handbook by Roland Thompson 3rd ed,
(c) 2009 R. Thompson, Canada, ISBN # 9780969 947 11 0
see note CNC Machines pg 150)***

DYNAMIC ANTHROPOSPHERE

PYSCHOLOGY, SOFT SPORTS AND YOGA

See

Simply Sane by Rollo May?

Focusing by Eugene Pelman?

Zen and the Art of Motorcycle Maintenance by Robert Pursig

Johnathan Livingston Seagul by Richard Bach

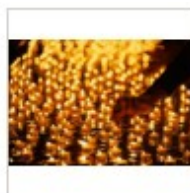
Needs Pyramid by Abraham Maslow

Child Psychology by Piaget?

DYNAMIC ANTHROPOSPHERE MODERN Philosophy



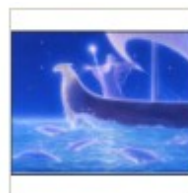
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2candles.jpg



2cn1031p.jpg



2Odyssey-1994.jpg



3 candles.jpg



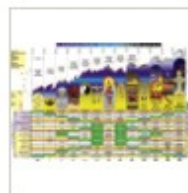
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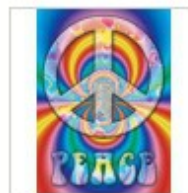
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a-designingthefuture..



DYNAMIC ANTHROPOSPHERE MODERN Philosophy

The Water Healing Prayer 2010

A simple prayer for the Waters of the Earth

*We, the peoples of the Earth,
Send the energy of Love and Gratitude,
to all the waters of the planet,
of the seas and of the rivers and lakes of the Earth,
and the Ice and waters in the clouds in and of the skies,
and to all the waters living creatures.
To all the plants, whales, dolphins, pelicans, birds,
shellfishes, plankton, coral, algae and others,
We are sorry if we have harmed you,
Please forgive us.
Thank You.
We Love You!*

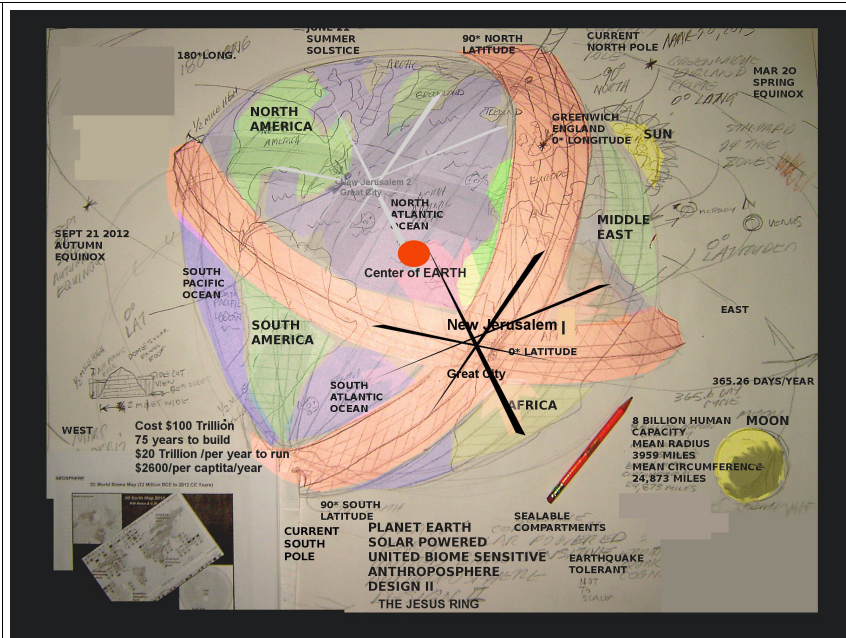
*Prayer inspired by Dr. M. Emoto
August 2010, Earth
By David E. Camelot*

POSTCHRISTIANITY : NOW

POETS AND LOVERS

*"What's that they're saying, what's
that they're praying,
'We have an answer, A very simple
answer,
Come join your hands in ours, in a
ring around your world!' "*

**By Billie Keith Hughes, Folk Jazz Musician,
USA. (1948-1998) EARTH**



THE THIRD TEMPLE/THE EZEKIEL TEMPLE

The Light or Photocene Age/The Photosphere

"Might is not Right, it's the other way around, Right is Might.". USA Pres Earth 2013

DYNAMIC ANTHROPOSPHERE MODERN Philosophy

Vince Cerfs, Internet Great Grandfathers, **The Truth and the Internet** circa 1999, Internet Society Web site.

Internet Code of Conduct

Truth and the Internet

By Vinton G. Cerf

Truth is a powerful solvent. Stone walls melt before its relentless might. The Internet is one of the most powerful agents of freedom. It exposes truth to those who wish to see it. It is no wonder that some governments and organizations fear the Internet and its ability to make the truth known.

But the power of the Internet is like a two-edged sword. It can also deliver misinformation and uncorroborated opinion with equal ease. The thoughtful and the thoughtless co-exist side by side in the Internet's electronic universe. What's to be done?

There are no electronic filters that separate truth from fiction. No cognitive "V-chip" to sort the gold from the lead. We have but one tool to apply: critical thinking. This truth applies as well to all other communication media, not only the Internet. Perhaps the World Wide Web merely forces us to see this more clearly than other media. The stark juxtaposition of valuable and valueless content sets one to thinking. Here is an opportunity to educate us all. We truly must think about what we see and hear. We must evaluate and select. We must choose our guides. What better lesson than this to teach our young children to prepare them for a new century of social, economic and technological change?

Let us make a new Century resolution to teach our children to think more deeply about what they see and hear. That, more than any electronic filter, will build a foundation upon which truth can stand.

Earth Dance Prayer of Peace 2006

*"We are one global family
All colors, All races
One world united.
We dance for peace and the healing of our planet Earth
Peace for all nations.
Peace for our communities.
And peace within ourselves.
As we join all dance floors across the world,
let us connect heart to heart.
Through our diversity we recognize Unity.
Through our compassion we recognize Peace.
Our love is the power to transform our world
Let us send it out
NOW..."*

DYNAMIC ANTHROPOSHERE

MODERN Philosophy

"The Lakota was a true Naturist – a lover of Nature" - Chief Luther Standing Bear (Lakota)

Book = **Rediscovery (Ancient Pathways/New Directions)**

Outdoor Activities based on Native Traditions

by Thom Henley © 1989/1996 Lone Pine Publishing Canada

ISBN # 1-55105-077-3

RE: The Cold War and Nukes 1950s to 1990

< Hmmm ya know G O D must really Love Humanity for some odd reason, because GOD ended the cold war and nuke race even despite our evils and pettiness and sins, even when God probably would have been better off without us. Back then there were enough nukes on the planet to kill everyone on the planet 100 times over. Shape up us and be thankful, we're living on Gods time. Hmmm



THE SHADOW OF THE BOMB

As portray in the network made for TV movie of 1983/84 "The Day After"

D

I remember when, we tried to sing of love, but the war within our minds, held us like a glove,
In that grip of fear and hate, we thought we were alive, In our battle to be free, How many of us died?

Chorus:

G D G D

In the shadow, of the bomb, well we tried to , carry on,
In the coldness, of the war, well we learned what, Love is for.

Ore the years we hoped and prayed, for the madness oh to end,
Then in the year of 88, they nuked the wall Berlin.
And the wall came tumbling down, and in the streets we played,
The songs of John and Paul, rang out both night and day.

Chorus:

Bridge:

G D G D

Dreamer dream, a brand new day, We threw the bomb and war away,
Dreamer dream, a golden age, of Love and Peace and Joy again,
Of Love and Peace and Joy again.

*By David Camelot
(c) 2013 CANADA*

The Living Light

BY David Edward Camelot, 1986, Alberta, Canada

**1. There is a Living Light,
where our thirst and desire for
understanding can be quenched, where
we may find and know bountiful Love
and First Truth in glowing warmth.**

**2. The arbitrary symbols and meanings
of society are not necessarily the symbols
and meanings of the Livings Lights First Truths.**

**3. What we have longed for but never
sought, will not likely be found or known.
Seek and know the Living Light.**

**4. The Living Lights speaks,
yet it is a language and tone new and
unfamiliar and we must listen and discern
it with our heart, soul and logic.**

**5. With Faith, Belief and the whispers of
our dreams lies the pathway to the
Living Light.**

**6. Our mistakes are oft not apparent,
life's tests not clear, yet within the
stillness of our hearts we come to know
true meanings.**

**7. The economy of Nature tends to
waste nothing or little, in
a cycle of life, death and rebirth.**

**8. The path to the Living Light
is long, unmade and winding,
but there are clues and gems
along the way.**

**9. False dreams and loves abound,
parse their truth with diligence.**

**10. The Living Light is our strength,
thru the trials, darkness and boredom's
of Life.
Keep it here, fast
and Now, regularly.**

**11. In our knowing that we are a part
of the whole of the Living Light, comes
a certain peace and freedom.**

**12. Plant and tend the seeds of
honest living, though the
weathers and years of life are oft
a test, our triumphs can lie in perseverance.**

**13. There are many hidden truths
in the way of life, that we must riddle and
discern, some kind, some not.**

**14. We may fear the truths of ourselves
and thus we must be open and consider many
things, though our deeds and actions speak
louder and are more that by which we
are judged and known.**

**15. The road to peace with our
memories is oft long and painful
therefore let us lend us some compassion
for ourselves, though the Living Lights
way, not our own.**

**16. To the Living Light not us,
should go most of the glory
and gain.**

DYNAMIC ANTHROPOSPHERE

*17. In the embrace of the Living Light,
there in that allness is meaning and Love.*

*18. Enlightenment does not boast or cheer,
for life remains the same, in its goodness,
badness and indifference,
Enlightenment brings though greater
acceptance of such.*

*19. The gay may be proud,
but the disabled and old
have courage.*

*20. Pay it forward, true,
but feed it back as well.*

*21. In all things and in many times
be thankful of our blessings,
great, small and coming.*

*22. And in the end, we long
to become one with the Living Light
and all.*

*23. Underneath the facades of life and society,
there is perhaps a common and shared
knowing.*

*24. Respect death, for it is inevitable,
though it is oft more with old age
that we must battle.*

*25. The world and society is a
reflection of ourselves though sometimes
by going within helps us to transcend
such and know the unknown.*

*26. Test and prove our insights and
learning's to assure their worth
and truth.*

*27. Seek and learn but also apply our knowledge
for the good and benefit of the whole.*

*28. It is ours to overcome our
oft deluded contentment's.*

*29. Sometimes no good deed goes
unpunished, still help but not to much
and with discretion.*

30. Imagine here and now.

*31. Make Nature our Church,
Truth our Minister.*

*32. Poetry, sincerity and honesty,
are the music of the Soul.*

*33. We perceive true,
but we also interpret that which we
perceive.*

*34. The Soul is of the Light
The flesh of the Earth,
and the Darkness of the cool
of the night.*

*35. Wisdom comes from good judgment,
good judgment comes mostly from
bad judgment and hindsight.*

*36. When the teacher is ready,
the teacher will appear.*

*37. Periodically we should spend
and make time for
being content.*

DYNAMIC ANTHROPOSPHERE

38. *From the sorrows and pains
of society, refuge, healing and
comforts are oft found in the bosom of
the birds, woods, and rivers of Nature.*

39. *Our senses can only perceive so
much, to perceive deeper sometimes
requires stillness and contemplation.
The size of the universe is equal to now.*

40. *What is the use of a
belief that does not work
That brings us no Peace
Here and Now...*

41. *Acknowledging our confusion at
times is a first step. Confusion
often foreshadows deeper and clearer
understandings.*

42. *It is hard to know what is healthy sometimes,
except by trial, error and observation. Meeting
our needs though can lead to self-actualization.*

43. *What use have we
for that which meanings
are not true*

44. *The Law of Love is this:
That all means Love in Essence*

45. *Thoughts can disturb but they are
only thoughts. Let us keep our actions though,
pure, good and wise.*

46. *There is comfort in the familiar,
Joy in mystery,
Have a healthy curiosity.*

47. *Have a place in our
dreams for another, so
we will not be alone
but may "Know" the
worth of our dream together
and serve the Lord and Living Light*

48. *Consult the records and books,
for words have many meanings and histories.
Use them well and properly and with
knowledge and wisdom.*

49. *If one is a man then
it is difficult to escape
the doings and meanings
of men*

50. *Sometimes our light and goodness gets
obscured in the confusion of the day and society
but heaven watches.*

51. *Mass production seems to beget
mass consumption which in turn seems
to lead to planetary degradation.*

52. *We are the ones we have
waited for. The Living Light helps those
who help the Living Light.*

53. *It is not at times, that some are pillars of strength
but just or more so that others
are too keen on simply
excusing their own weaknesses*

54. *It is the hardness of
the World that stifles
the Heart, and forges belief
and Faith, for the strong
persist, for they "Know"
their Truth...*

55. *Night is not Night at all,
but just the tilted rotating Earth and us,
being in its own shadow once every 24 hours.
Come, let us rejoice,
in the Lasting Lord, Living Light and Natural Earth.*

56. *What if our real purpose in Life is simply to be
content as we are and or
to make good light, art and music?
It is just thus our hard wired primal thrill of the
chase and conquest that we are at odds with !*

Man of Knowledge and the Warriors Way

*see Carlos Castaneda
The Wheel of Time*

BIBLES and LAND

*When the white man came, we had the land
and they had the bibles.
Now they have the land and we have
the bibles.*

*Chief Dan George
1955 AD/CE, Canada*

The Basis of Union

*There is Love
(P. Stookey, USA, Public Domain, 1970s)*

*He is now to be among you at the calling of your hearts.
Rest assured this troubadour is acting on His part.
The union of your spirits here has caused Him to remain,
for whenever two or more of you are gathered in His name,
There is Love. There is Love.
Oh, a man shall leave his mother, and a woman leave her home.
They will travel on to where the two will be as one.
As it was in the beginning, it is now until the end,
woman draws her life from man
and gives it back again
and there is Love. Oh, there's Love.
Well then what's to be the reason for becoming man and wife?
Is it Love that brings you here or Love that brings you life?
For if loving is the answer then who's the giving for?
Do you believe in something that you've never seen before?
Oh, there's Love. There is Love.
He is now to be among you at the calling of your hearts.
Rest assured this troubadour is acting on His part.
The union of your spirits here has caused Him to remain,
for whenever two or more of you are gathered in His name,
There is Love. Oh, there is Love.*

DYNAMIC ANTHROPOSPHERE

MODERN Philosophy

Desiderata

(ie: A Good and Right way to Live)

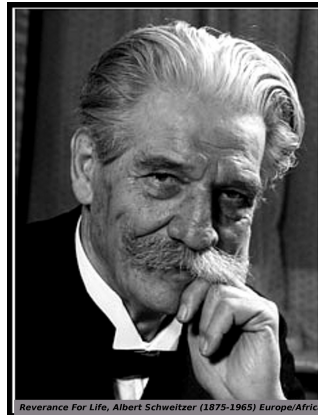
By Max Ehrmann, 1920s, USA

*Go placidly amid the noise and the haste,
and remember what peace there may be in silence.
As far as possible, without surrender, be on good terms with all persons.
Speak your truth quietly and clearly; and listen to others,
even to the dull and the ignorant; they too have their story.
Avoid loud and aggressive persons; they are vexatious to the spirit.
If you compare yourself with others, you may become vain or bitter,
for always there will be greater and lesser persons than yourself.
Enjoy your achievements as well as your plans.
Keep interested in your own career, however humble;
it is a real possession in the changing fortunes of time.
Exercise caution in your business affairs, for the world is full of trickery.
But let this not blind you to what virtue there is;
many persons strive for high ideals, and everywhere life is full of heroism.
Be yourself. Especially do not feign affection. Neither be cynical about love,
for in the face of all aridity and disenchantment, it is as perennial as the grass.
Take kindly the counsel of the years, gracefully surrendering the things of youth.
Nurture strength of spirit to shield you in sudden misfortune.
But do not distress yourself with dark imaginings.
Many fears are born of fatigue and loneliness.
Beyond a wholesome discipline, be gentle with yourself.
You are a child of the universe no less than the trees and the stars;
you have a right to be here. And whether or not it is clear to you,
no doubt the universe is unfolding as it should.
Therefore be at peace with God, whatever you conceive God to be.
And whatever your labors and aspirations, in the noisy confusion of life,
keep peace in your soul.
With all its sham, drudgery, and broken dreams,
it is still a beautiful world. Be cheerful. Strive to be happy.*

PS: And regularly change your shorts and socks!

REVERENCE FOR LIFE

A philosophy discovered and practiced by Dr. Albert Schweitzer (1875-1965) Europe/Africa.



Noble Prize Winner and Anti Nuke Activist, Albert Schweitzer, 1875 - 1965

re: ACROSS THE BAR 2012 (Death or Crossing Over)

Verse 1

Let there be sunset, and an evening star, And one kind and clear, call for me.

And let there be few moans nor tears or sighs, When I put, finally out to sea.

Refrain 1

So large a tide is moving now, that it seems so quite asleep,

As it moves en masse, with little sound or foam.

For that which drew and came in time, oh from out the boundless deep,

Now once again, returns towards its home.

Verse 2

Do see the twilight, and hear the evening bell, and after that..... the Dark.

But linger not to many, sad and long farewells, upon my last embark.

Refrain 2

Though most of us, are duly borne, oh here of this time and place,

I hope this tidal flood, might carry me more far.

So that I might see, and look upon , oh the Pilot face to face,

When at last and soon, I go across the bar,

When at last and soon, I go across the bar.

Based on Alfred Lord Tennyson's " Crossing the Bar" (P) 1889, England

Adapted by Mr. David Edward Camelot (c) 2012 CANADA

DYNAMIC ANTHROPOSPHERE

Philosophy

Enlightenment, Liberation and The Righteous Path

1000 BCE to 570 CE/AD (as compiled in 2007/12 CE/AD)

Krishna	Lao Tzu	Buddha	Jesus	The Prophet
When lust and anger have been transcended, when your heart is under your control, when you have become self- realized, you are free- now and forevermore. <i>The Bhagavad Gita</i>	When there are no more desires, and no more needs, and nothing attracts you, then you are free. <i>Chuang Tzu</i>	When freed from that which binds, when the lust for life has come to an end, one is not born again, He is released now and forever. <i>The Sanskrit Dhammapada</i>	I have defeated the world, so do not let the world defeat you. I am free of it. You, too, can be free of it. <i>The Gospel of the Savior</i>	Surely success does come to the believers, Who are humble in their prayer and who shun all that which is in vain. <i>The Qur'an</i>
Those who meditate on the ruler of all things - whose form can not be seen and whose essence can not be known – pass through the fog of illusion into the sun of enlightenment. <i>The Bhagavad Gita</i>	Like glass, polish your inner vision until it become spotless. <i>The Tao Te Ching</i>	The hero who has freed himself of all that has bound him has achieved peace. This one is enlightened. <i>The Itivuttaka Sutra</i>	Because you have renounced all things, endured all sufferings from one incarnation to the next, you have become pure light. Now you become king in the kingdom of Light. <i>The Pistis Sophia</i>	Say, 'O Mankind' Truly it is to Allah, to whom belongs the Kingdom of the Heavens and the Earth. There is no God but He. He gives life, and he gives death. So believe in Allah and his blessings and follow him that you may be rightly guided. <i>The Qur'an</i>
1000 BCE	600 BCE	550 BCE	32 AD/CE	570 AD/CE

From the book
"Jesus, Buddha, Krishna & Lao Tzu, The Parallel Sayings"
 By Richard Hooper © 2007/12 USA ISBN # 978 157 174 680 1
 and The Prophet from The Holy Qur'an 550 CE/AD

DOCTOR OF THE CHURCH : noun ... any of about seven particularly revered theologians (Saints) in the Early Christian Church circa 150 CE/AD to 1300 CE/AD ie. 540 ? - 604 CE/AD, Gregory I The Great, St. Pope, Britain & Rome

Writings of Martin Luther

*I cannot and will not recant anything, for to go against conscience is neither right nor safe.
 Here I stand, I can do no other, so help me God. Amen.*

An unjust law, is no law at all.

Even if I knew that tomorrow the world would go to pieces, I would still plant my apple tree.

I have so much to do that I shall spend the first three hours in prayer.

For in the true nature of things, if we rightly consider, every green tree is far more glorious than if it were made of gold and silver.

*God writes the Gospel not in the Bible alone, but on trees and flowers and clouds and stars.
 German Reformation Leader 1483 – 1546 AD/CE,*

ORGANIZATION

*"Science is organized knowledge, wisdom is organized Life!"
 Immanuel Kant, German Philosopher 1724-1804 AD/CE.*

HUMANKIND

*Humankind has not woven the web of life. We are but one thread within it.
 Whatever we do to the web, we do to ourselves. All things are bound together.
 All things connect.*

Chief Seattle 1850 AD/CE. USA

DYNAMIC ANTHROPOSPHERE

Philosophy

REVELATIONS OF ST. JOHN :

At about **13,700,000,095** these words are extrapolated to have been said by **St. John and later recorded** from a vision he had had,

a. "And the New Living Earth, Gaia, The Bride and Her Moon, were filled and bustling with the Glory, Love and Grace of G O D above, with clear, clean and fresh skies, rivers and waters throughout the four seasons and 12 months of the year, And there were pathways broad, winding and measured that stretched from and around the North, East, South and West of the Earth, And the 12 months of the year were named January, February, March, April, May, June, July, August, September, October, November and December.

b. And there were 12 great ecocities on the Living Earth, each of which were democratically ruled and governed, who and which each would steward the Ecozones of their two closest time zones of the 24 Time Zones of the Living Earth and each ecocity was architecturally unique and as akin to the twelve signs of the Zodiac.

c. And these great ecocities were all sustainable, solar powered, with good public transit where alternately the heads of the many Nations of the Living Earth would meet regularly in one of the great ecocities to participate in the governance, stewardship and sustaining issues of the Living Earth.

d. And the Living Earth and its humans had extended the reach of the world into the Solar System and Galaxy in order to learn about, understand, discover the mysteries, wonders, and possible perils there of.

e. And the Living Earths peoples and all of humanity and the generations came to care for, Love and harmonize with the Living Earth and learn from her of her fruits, natural medicines, greenery and flowers all through out the days of the four seasons and 12 months of the year.

f. And a great value, importance and appreciation was developed and placed on clean, fresh and sustainable living water for all and by all as it became known to be one of the Living Earths most precious life giving and mysterious molecules and resources."

Notes:

(This is a rough extrapolation based on the writings of a vision given to Saint John as given to him possibly thru the Holy Spirit, while John was in exile on the island of Patmos some 2000 years ago, probably between 50- 100 AD or so, according and documented in the Book of Revelations in the New Testament of the Holy Bible. If one takes some of the wording as metaphor, new tongue and perhaps the inadequacies or shortcomings of the language of the time to describe or convey a dreamlike state or vision or a possible connection to the Earths Future, then there is a fair probability that there is a least some material substance and concurrence to these old words and text.) (Pat'mos): An island of southeast Greece in the Dodecanese Islands of the Aegean Sea. Saint John was exiled to the island c. A.D. 95 and according to tradition wrote the Book of Revelation here.)

Some Collected POETRY

OBSERVATIONS RELATING TO NATURE

Dost thou not see that Allah created the heavens and the
earth in accordance with the requirements of wisdom?
If He please, He can do away with you, and bring a new creation.
The Prophet, 570 AD/CE (Chapter 14:20, The Qur'an)

And among His Signs is the creation of the heavens and the earth, and of
whatever living creatures He has spread forth in both.
And He has the power to gather them together when He pleases.
The Prophet, 570 AD/CE (Chapter 42:30, The Qur'an)

THE SPIRIT OF THE SAINTS

There is a Water that flows down from Heaven
To cleanse the World of sin by grace Divine.
At last, its whole stock spent, its virtue gone,
Dark with pollution not its own, it speeds
Back to the Fountain of all purities;
Whence, freshly bathed,
Earthward it sweeps again:
Trailing a robe of glory bright and pure.
This Water is the Spirit of the Saints,
Which ever sheds, until itself is beggared,
G O D's balm on the sick soul, and then returns
To G O D who made the purest light of Heaven.

Rumi 1270 AD/CE Persia

DYNAMIC ANTHROPOSPHERE

Philosophy

FORMATION OF THE WORLD AND ASTRONOMICAL QUESTIONS - 416 - 768

But in what modes that conflux of first-stuff
Did found the multitudinous universe
Of earth, and sky, and the unfathomed deeps
Of ocean, and courses of the sun and moon,
I'll now in order tell. For of a truth
Neither by counsel did the primal germs
'Stablish themselves, as by keen act of mind,
Each in its proper place; nor did they make,
Forsooth, a compact how each germ should move;
But, lo, because primordials of things,
Many in many modes, astir by blows
From immemorial aeons, in motion too
By their own weights, have evermore been wont
To be so borne along and in all modes
To meet together and to try all sorts
Which, by combining one with other, they
Are powerful to create: because of *this*
It comes to pass that those primordials,
Diffused far and wide through mighty aeons,
The while they unions try, and motions too,
Of every kind, meet at the last amain,
And so become oft the commencements fit
Of mighty things - earth, sea, and sky, and race
Of living creatures.

60 BCE Roman Poet
On The Nature of Things by Lucretius
Book IV (Dover Classics 2004 Page 159)

Note: suggests itself to be a precursor somewhat to "trial and error" thinking, and empirical progression and even alludes somewhat to C. Darwin's much later ideas of "natural selection" and evolution.

EXCERPTS FROM THE NEW TESTAMENT

The Abridged Golden and Green Rule

Do unto others and the Earth, as you would have others and the Earth do unto you.

THE EIGHT BEATITUDES OF JESUS CHRIST

1. *"Blessed are the poor in spirit, for theirs is the kingdom of heaven."*
2. *"Blessed are they who mourn, for they shall be comforted."*
3. *"Blessed are the meek, for they shall inherit the earth."*
4. *"Blessed are they who hunger and thirst for righteousness, for they shall be satisfied."*
5. *"Blessed are the merciful, for they shall obtain mercy."*
6. *"Blessed are the pure of heart, for they shall see God."*
7. *"Blessed are the peacemakers, for they shall be called children of God."*
8. *"Blessed are they who are persecuted for the sake of righteousness, for theirs is the kingdom of heaven."*

30 AD/CE Gospel of St. Matthew 5:3-10, New Testament, The Holy Bible, (c) 1500 AD.
Def.: The Beatitudes n. : Any of the declarations of blessedness made by Jesus in the Sermon on the Mount.

DYNAMIC ANTHROPOSPHERE

RECENT HISTORY

Dynamic Anthroposphere 225/360							45/360
Year 1	Philos,Rel,Ed, WWW	Community, Daily Life	Sensory, Business Economics	The Arts	Transportation, Oil	The G 20	The Aves sphere
Budget Port	15/225	10/225	33/225	7/225	30/225	5/225	30/45
2011 AD/CE			-Austerity measures troubling Europe.	- Many books now published on line			
2012 AD/CE May							
2012 July			- Internet disrupts biz models of biz, media and arts.	David C. writes song "Something2" David writes N.Armstrong Tribute Piece "The Last Song"			
2012 Sept							
2012 Nov/Dec							
2013 Feb							
2013 June							
2013 Sept/Oct						G20 meeting sidetracked by crisis in Syria with chem weapons	

STATIC ANTHROPOSPHERE

CONTENTS

DEFINITION: ANTHROPOPSHERE: From Greek anthropos (“human being”) and sphaira (“sphere”); describes the space in which biological and cultural activities of human beings take place.

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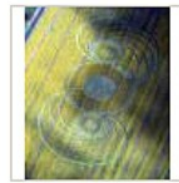
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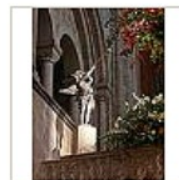
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advantage3.jpg



africa.jpg



STATIC ANTHROPOSPHERE

ECO AND GREEN ARCHITECTURE



1. Frank Lloyd Wright 1950 USA : (born Frank Lincoln Wright, June 8, 1867 – April 9, 1959) was an American architect, interior designer, writer and educator, who designed more than 1,000 projects, which resulted in more than 500 completed works. Wright promoted organic architecture (exemplified by Fallingwater), was a leader of the Prairie School movement of architecture (exemplified by the Robie House and the Westcott House), and developed the concept of the Usonian home (exemplified by the Rosenbaum House). His work includes original and innovative examples of many different building types, including offices, churches, schools, sky scrapers, hotels, and museums. Wright also often designed many of the interior elements of his buildings, such as the furniture and stained glass.



2. The New Alchemy Institute 1969 CANADA: was a research center that did pioneering investigation into organic agriculture, aquaculture, and bioshelter design between 1969 and 1991. It was founded by John Todd, Nancy Jack Todd, and William McLarney. Its purpose was to research human support systems of food, water, and shelter and to completely rethink how these systems were designed. Purpose of the Institute: The New Alchemy Institute was founded on a 12-acre (49,000 m2), former dairy farm in Hatchville, Massachusetts on Cape Cod. Their stated aim was to do research on behalf of the planet.



3. Douglas Joseph Cardinal 1970 CANADA:, OC (born 7 March 1934, Calgary, Alberta) is a Canadian architect. Born of Métis and Blackfoot heritage, Cardinal is famous for flowing architecture marked with smooth lines, influenced by his Aboriginal heritage as well as European Expressionist architecture. In 1953, he attended the University of British Columbia; he later attended the University of Texas at Austin, from which he graduated with a degree in Architecture in 1963.



4. Arcosanti 1970 USA: is an experimental town that began construction in 1970 in central Arizona, 70 mi (110 km) north of Phoenix, at an elevation of 3,732 feet (1,130 meters). Architect Paolo Soleri, using a concept he calls arcology (a portmanteau of architecture and ecology), started the town to demonstrate how urban conditions could be improved while minimizing the destructive impact on the earth.

5. The Georgia Guide Stones 1980 USA, A giant set of engraved granite stones erected anonymously to serve as a touch stone and portent of and for the dangers imposed by cold wars and nuke arms races.



6. Biosphere 2 USA 1990: Coordinates: 32°34'43.60"N 110°51'02.14"W Biosphere 2 is an Earth systems science research facility owned by the University of Arizona. Its current mission is to serve as a center for research, outreach, teaching and life-long learning about Earth, its living systems, and its place in the universe. It is a 3.14-acre (12,700 m2) structure originally built to be an artificial, materially-closed ecological system in Oracle, Arizona (US) by Space Biosphere Ventures, a joint venture whose principal officers were John P. Allen, inventor and Executive Director, and Margret Augustine, CEO. Constructed between 1987 and 1991, it was used to explore the complex web of interactions within life systems in a structure that included five areas based on biomes and an agricultural area and human living/working space to study the interactions between humans, farming and technology with the rest of nature. It also explored the possible use of closed biospheres in space colonization, and allowed the study and manipulation of a biosphere without harming Earth's. The name comes from Earth's biosphere, Biosphere 1. Earth's life system is the only biosphere currently known. Funding for the project came primarily from the joint venture's financial partner, Ed Bass' Decisions Investment, & cost \$200 million from 1985 to 2007.



7. The Eden Project UK 2001 : is a visitor attraction in Cornwall in the United Kingdom, including the world's largest greenhouse. Inside the artificial biomes are plants that are collected from all around the world. The project is located in a reclaimed Kaolin pit, located 1.25 mi (2 kilometres) from the town of St Blazey and 5 kilometres (3 mi) from the larger town of St Austell, Cornwall. The project was conceived by Tim Smit and designed by architect Nicholas Grimshaw and engineering firm Anthony Hunt and Associates (now part of Sinclair Knight Merz). Davis Langdon carried out the project management, Sir Robert McAlpine and Alfred McAlpine[5] did the construction and MERO designed and built the biomes. The project took 2½ years to construct and opened to the public on 17 March 2001.

STATIC ANTHROPOSPHERE

Green Architecture



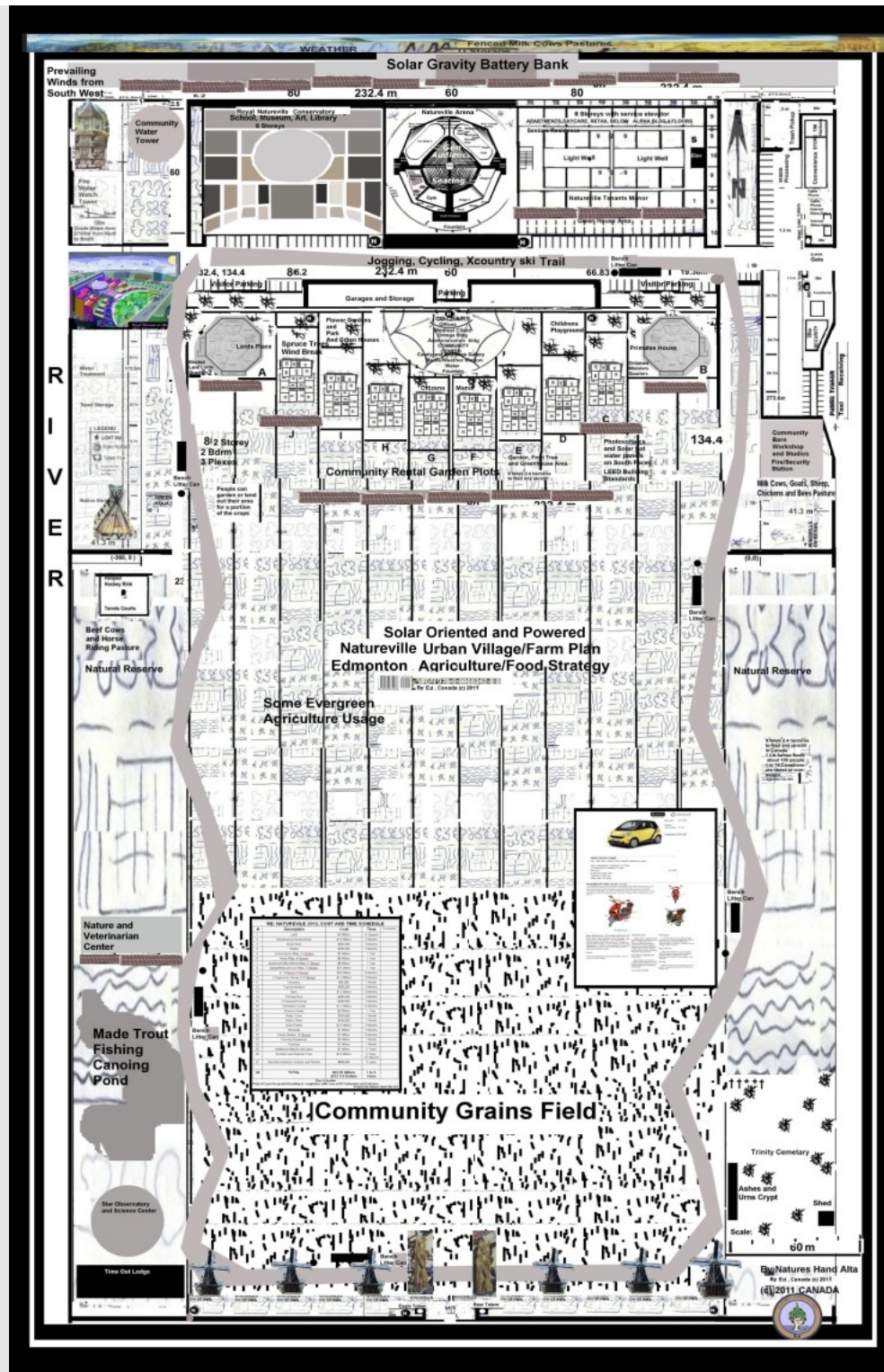
8. Hybrid Earthship 2003 USA : Michael Reynolds: An earthship is a type of passive solar house made of natural and recycled materials. Designed and marketed by Earthship Biotecture of Taos, New Mexico, the homes are primarily constructed to work as autonomous buildings and are generally made of earth-filled tires, using thermal mass construction to naturally regulate indoor temperature. They also usually have their own special natural ventilation system. Earthships are generally off-the-grid homes, minimizing their reliance on public utilities and fossil fuels. Earthships are built to utilize the available local resources, especially energy from the sun

9. Barlindhaug Consult AS, Peter W. Sederman, Norway, Svalbard Global Seed Vault. 2008: Arctic Circle, Seed food Crop effort to protect Earths diminishing seed diversity and stock. -18* C for 200 years. Global Crop Diversity Trust. [Www.croptrust.org](http://www.croptrust.org)

HISTORICAL ARCHITECTURE



URBAN FARM “NATUREVILLE” 2012



STATIC ANTHROPOSPHERE **Green Architecture**
RE: NATUREVILLE 2012, COST AND TIME SCHEDULE

#	Description	Cost	Time	Comments
1.	Land	\$4 Million	½ Deposit	2000 Acres
2.	Infrastructure Sewers/Gas/	\$1.5 Million	2 Months	
3.	Road Work	\$500,000	3 Months	
4.	Utilities	\$200,000	2 Months	
5.	Conservatory Bldg. (5 Storey)	\$15 Million	1 Year	
6.	Arena Bldg. (4 Storey)	\$15 Million	1 Year	
7.	Apartment/Office/Retail Bldg. (5 Storey)	\$15 Million	1 Year	
8.	Admin/Medical/Court Bldg. (3 Storey)	\$20 Million	1 Year	
9.	8 3 Plexes (2 Storey)	\$15 Million	6 Months	
10.	2 Supervisor Homes (1.5 Storey)	\$1.2 Million	4 Months	
11.	Cemetery	\$50,000	1 Month	
12.	Transit Interface/Recycling	\$1 Million	3 Months	
13.	Barn/Seed Bins	\$2 Million	4 Months	
14.	Fishing Pond	\$200,000	2 Months	
15.	2 Pastures/Fencing	\$200,000	2 Months	
16.	Vet Nature Center	\$2 Million	6 Months	
17.	Science Center	\$4 Million	1 Year	
18.	Water Tower	\$100,000	1 Month	
19.	Watch Tower	\$200,000	1 Month	
20.	Solar Panels	\$2.5 Million	2 Months	
21.	Windmills	\$1 Million	2 Months	
22.	Gravity Battery (5 Storey)	\$2 Million	6 Months	
23.	Farming Equipment	\$2.05 Million	1 Month	
24.	Furniture	\$1 Million	1 Month	
25.	Additional Material and Labor	\$2 Million	5 Years	
26.	Architect and Engineer Fees	\$3 Million	5 Years 1/3 deposit	
27.	Security,Insurance, License and Permits	\$500,000	5 years	
28	TOTAL	\$111.2 Million 2012 CA Dollars + 3% per year inflation	1 to 5 Years	Add or save for below
29	25% Infrastructure and Code Upkeep and Update costs in 20 years	Approx. \$28 Million including inflation	20 to 30 years hence 2032 CE/AD	

Time Schedule

Project 5 year for ground breaking to completion with Crew of 50 Tradesmen and Laborers.

Prepared by Natures Hand Alta (Ed)

PARKLAND BIOME DEVELOPMENT TIME TABLE (Natureville)

Month/Year	ACTION	Actual Progress Log/History
Preliminary	<i>Find land and investors and community members, form company or society with board of governors Do site survey and plan metrics. Buy land</i>	Started Greenouts 2005
Year 1 2011		
Jan	<i>Began plan for enviro master plan dead line Feb 6 2011</i>	Planted tobacco plants indoors
Feb	<i>Submitted unfinished plan to enviro dept. and city hall</i>	
March	<i>J H open house on across from B Ponds Dev, Dev in north of City East side down from enviro bldg</i>	
April	<i>Turn 55, Make offer on G H Property</i>	Turned 55,
May to Dec	<i>plant plants, celebrate thanks giving, celebrate winter solstice</i>	Troubles in apt. working on 2012 Almanac and such, got passport
Year 2 2012		
Jan	<i>Buy Land</i>	Preapproved for \$65,000 mortgage
Feb	<i>Adjust plan to suite actual site, fill in blanks and discrepancies, Buy trailer and park on site and hook up services, Park on Lot A</i>	Introduced plans and sold book copy to Occupy Group
March	<i>Build watch tower, Survey and stake site, start infrastructure and sewage water gas lines, Get and plant some seeds in Garden</i>	Looking at other sites in Western North Alberta, finalizing The Evergreen: 2012
April		
2012-05-15	<i>Plant crop, Get Mortgage, Tend Crop, Build first Duplex on Lot B</i>	Presented Garden idea to Occupy
June - Sept		Designed Circle Home
Oct	<i>Harvest and can and sell crops Thanksgiving</i>	
Nov		The Spheres Approach
Dec	<i>celebrate winter solstice</i>	

STATIC ANTHROPOSPHERE**Green Arch**

Month/Year	ACTION	Actual Progress Log/History
Year 3 2013		
Jan - March	<i>Planning</i>	
April	<i>Put in free range chickens, Put in Basic Roads</i>	
May 2013-05-15	<i>Plant garden, Put in Convenience store in front of property near road to sell goods</i>	
June	<i>Build and sell lots C and D Duplexes</i>	
July	<i>Put in Bee Hives</i>	
Aug	<i>Put seeds and other and food storage</i>	
Sept	<i>Harvest can and sell goods and crops books prints arts etc, Form Natures Hand charitable corp or org Celebrate Thanksgiving</i>	
Oct -Dec	<i>Planning, Thanksgiving, celebrate winter solstice</i>	
Year 4 2014		
Jan - April	<i>Build workshop space and recycle building and compost area</i>	
May 15	<i>Plant garden</i>	
June	<i>Build Lot E</i>	
July		
Aug	<i>Build first solar greenhouse</i>	
Sept	<i>Harvest can sell</i>	
Oct -Dec	<i>Carve Entrance Totems, Celebrate winter solstice</i>	
Year 5 2015		
Jan-April	<i>Start work on Community center bldg.</i>	
May 15	<i>Plant crops</i>	
June - Aug	<i>Put up 1st Wind Mill and solar panels, Move into Lot E and move trailer and build duplex on Lot A</i>	
Sept	<i>Harvest can sell crops</i>	
Oct-Dec	<i>Thanksgiving and Planning, Celebrate winter solstice</i>	

STATIC ANTHROPOSPHERE**Green Arch**

Month/Year	ACTION	Actual Progress Log/History
Year 6 2016		
Jan- March	<i>Take 2 months off and travel to Greece, India, China, Germany, Japan, Findhorn and Australia, Ecuador, Cuba,</i>	
April		
May 15	<i>Plant gardens, Tend chickens and bees and store</i>	
June - Aug	<i>Build another Solar Greenhouse and 2 more duplexes Lot F and G.</i>	
Sept	<i>Harvest can and sell goods</i>	
Oct- Dec	<i>Thanksgiving and planning, Celebrate winter solstice</i>	
Year 7 2017		
Jan - April	<i>Plan office solar building</i>	
May 15	<i>Plant gardens tend chickens and bees</i>	
June	<i>Build Lots H and I</i>	
July to Dec	<i>Harvest Thanksgiving and Planning</i>	

Etc etc....

DEC 2012 CANADA

**28 nov 2012 wed rd ab ca 3:28 am mst earth
re: anthroposphere/system design**

I would venture that the over riding factor of good anthroposphere or system design, is the quasi internet construct and principle of decentralized or "multi" central construction, planning and operation, in the sense that any portion of the global sphere or system might break down or need repair or upgrades at any time but the rest of the whole could still work around such and still function normally. Sort of a moving kind of control front, where the actual lead of the sphere or system is hard to pin point or place and or might even seem to exist at different places at the same time. Kind of like a global or omni intelligence in the sense that it is structurally and functionally akin to the transcendent kind of logic and workings of a neural network, So in short a anthroposphere and system functions and builds like a global neural network with multiple sensory and type inputs and control points and maybe with voluntary and involuntary auto and immune systems as well. I suppose there are the, like internet traffic, the odd collisions and confusions but the global over rides and standards keep the system moving 365.26/24/7, with daily rest periods for half the system.

ref

internet history http://en.wikipedia.org/wiki/History_of_the_Internet

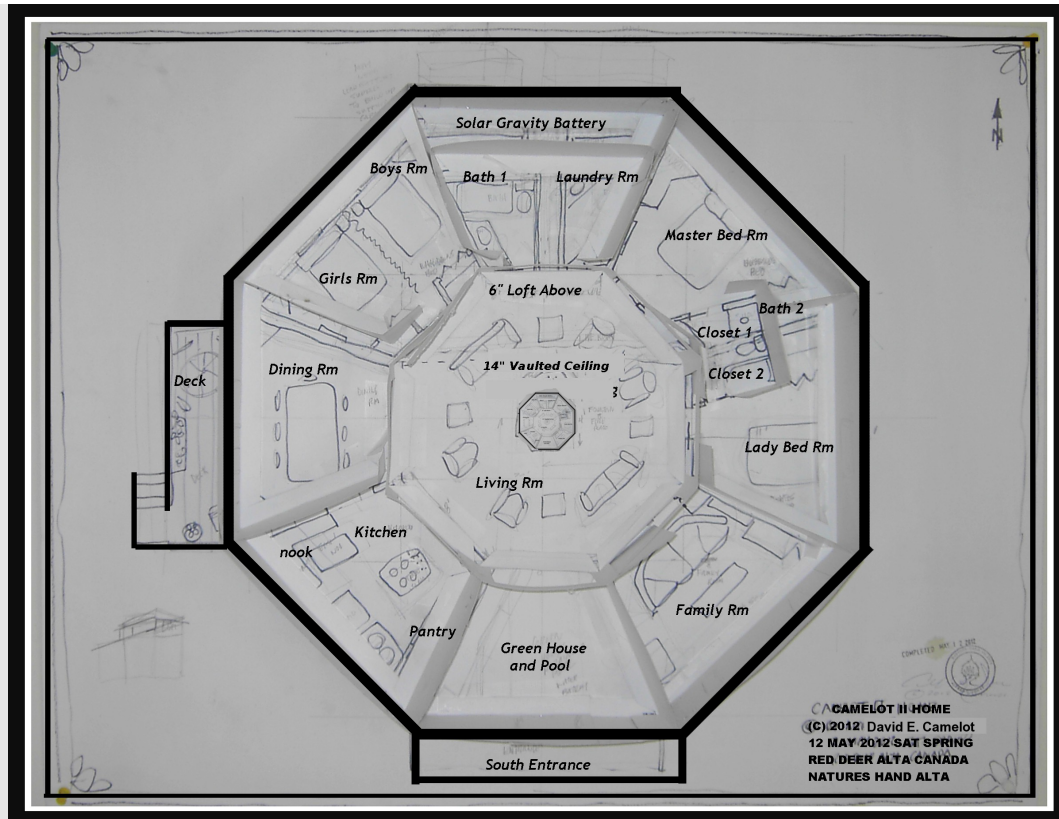
anthroposphere <http://en.wikipedia.org/wiki/Anthroposphere>

neural network http://en.wikipedia.org/wiki/Neural_network

author david camelot @ 1956 EARTH

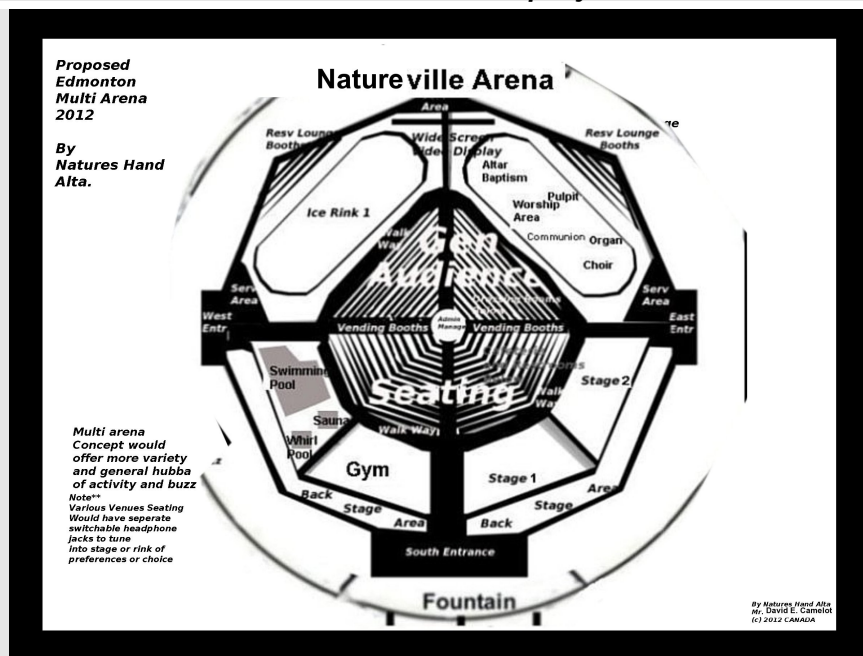
SOLAR GRAVITY BATTERY LODGE/HOME 2012

By Natures Hand Company



MULTIPLEX Natureville ARENA PROPOSAL 2012

Natures Hand Company

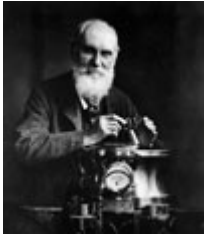


THE GLOBAL ECOCORE INTERFACE 2012



STATIC ANTHROPOSPHERE

ALTERNATIVE ENERGY



1. Lord Kelvin. In the 1830s, Lord Kelvin began to record ground temperatures. He discovered that a few feet below the surface, they remain relatively constant throughout the year. Then, in the 1940s, Robert Webber tinkered with the concept and came up with the first geothermal heat pumps. Throughout most of the U.S., the temperature of the ground about five feet below the surface remains roughly constant throughout the year: 45 degrees to 50 degrees Fahrenheit in the northern parts of the country and 50 degrees to 70 degrees in the south. Pipes that bring that air inside during the summer provide cooling (as well as heating in the winter). More ground cooling could help solve the [heinous air conditioning dilemma](#).



2. Charles Brush and Peder Hansen. Who? Brush built what is considered the first automatic wind turbine for generating electricity. The turbine, built in 1888 in Ohio, had a 50-foot diameter and 144 blades. The industry standard is now three. Hansen, meanwhile, founded Vestjysk-Staltechnik A/S, or Vestas for short, in 1945. The company entered the [wind industry](#) in the '70s and provided it key support. The company also played an instrumental role in turning Denmark into a leader in alternative energy.



3. Stephen Salter. Back in the '70s, Stephen Salter at the University of Edinburgh theorized that waves, particularly the rippers off the coast of Scotland, could be harnessed to generate power. Out of that idea came the Duck, a wooden paddle-like device for harvesting wave power. Margaret Thatcher tried to kill the wave program in the '80s, but the University characterized wave research as an important technology for national defense. Falklands-minded Thatcher let the program -- and Salter's test tank -- survive. The University of Edinburgh remains a center for wave and tidal research, and [Scotland still hopes to generate power, and exports, from the sea](#). The original tank has been rebuilt a few times, but you can still see some of Saltyre's original equipment in [this here video](#).



4. Enrico Fermi. In the '40s, Fermi conducted the first fission experiments, and in the process discovered [a third form of primary energy](#). The other two are solar (wind, fossil fuels, wave, and biomass are all indirect forms of solar energy) and gravity (geothermal, tidal, hydro). Fission generates nuclear waste, but nuclear power plants do not emit carbon dioxide. Experts ranging from UC Berkeley's Dan Kammen to MIT's [Ernie Moniz](#) assert that nuclear remains a necessary component of the future grid. [Fusion](#), which could eliminate the waste problem, continues to hold promise, but it's still experimental.

re: the future 2013 plus

renewables and

link = <http://www.fwfuel.com/company.html>

plus the solar power gravity battery..... <http://gravitybattery.info/>

..

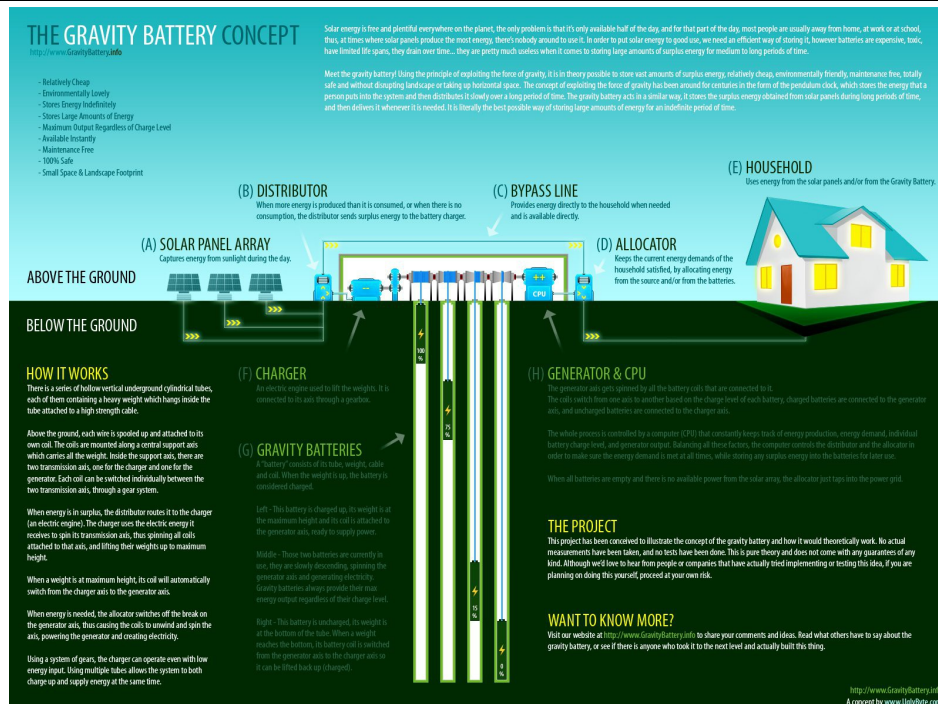
renewables all the way http://en.wikipedia.org/wiki/Renewable_energy_in_Germany

solar roadways.com <http://www.solarroadways.com/main.htm>

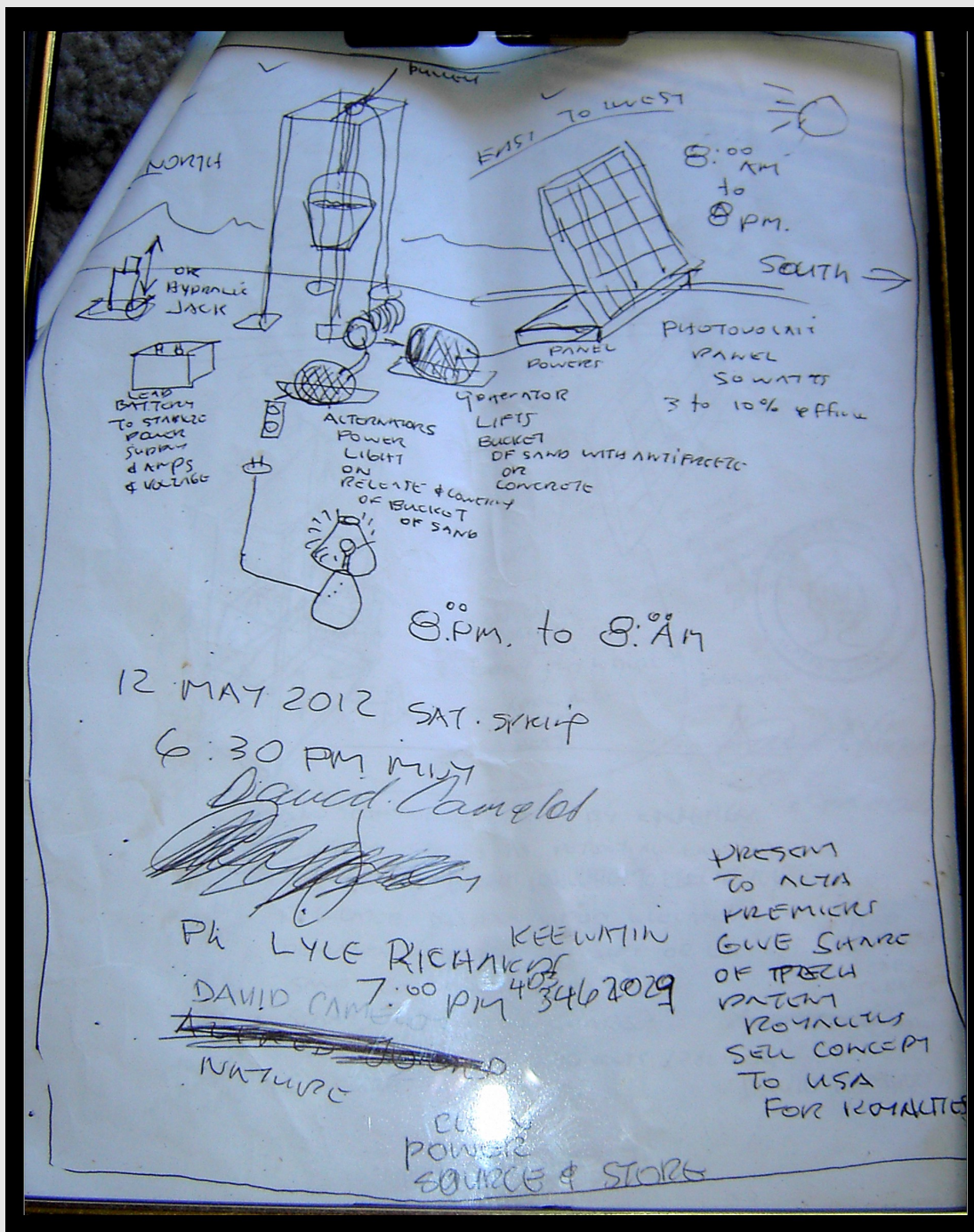
nanolight = <http://www.kickstarter.com/projects/619878070/nanolight-the-worlds-most-energy-efficient-lightbu>



ECOCITY 2014



GRAVITY BATTERY



*Utilizing pumping water back up to water dams to store excess power for use later.
Hoisting Sand filled boxes using photovoltaic power to generate kilowatts for homes and communities.
Lifting 30 tons of sand, 10 meters could generate about 2 Kwatt theoretically.*

THE HUMAN ENERGY AND FORCE STRATEGY 2012

BY Natures Hand EARTH

Proposition

Given the apparent global energy and economic woes, and in consideration that some have stated and shown that the average human energy efficiency is in fact greater than machine efficiency, given equal caloric inputs, then in light of that and the following theorized and compiled data,

Gathered DATA

The average person is said or theorized to produce about 2 k watt hours of energy or work per day or about 800 watts or 1.2 horse power briefly.....
-with simple tools or simple sustainable technologies this might be able to be doubled.
-Given that the stated 600 million cars of the planet are said to produce an average of 60 billion horsepower briefly daily (100 hp per car)
-then the estimated and stated 7 billion humans of the earth in the comparison might be said to produce on average, 7.2 billion horse power per day briefly
-and or with simple tools and tech possibly around 10 billion horse power briefly daily
-in addition and given the stated 1 in 50 or less global obesity problem of humanity, some of that excess (fat) might thus be converted or diverted towards the meeting or reducing of needed human work or energy requirements and consumption.

Method:

- 1 Governments and communities could for instance hook up and convert current gym and fitness facilities cycling and other exercise and gym apparatus towards the production of energy to be supplied back towards the local power grids.
- 2 People could be given incentives or tax breaks for walking more or using more public transit.
- 3 Conversion, use and employment of more humans for doing more physical and semi skilled jobs and less reliance or more efficient and strategic work planning and using of machines when deemed safer or such be implemented and mandated.
Etc.

Conclusion:

If such then is truly a good estimation and calculation of the case then:

All of such thus working towards the common goals and outcomes of and for the meeting and providing of the necessities of life and the basic energy needs of the humans of modern society and the Earth and its biosphere and perhaps some of the other Earth species, this thus combined with the stated proven greater energy efficiency of humans vs machine power and the growing costs of oil and gas resources and a targeted reduction of obesity, pollution, CO2 rates and non renewables thus would lead and result in an overall greater health and state of human well being and the general betterment and improvement of the Earth and biosphere as a whole.

Addendum:

If though such be to ambitious then just the obesity problem might be addressed and then a 2% reduction (1/50 or 140 million humans being more physical active and constructively productive) in energy consumption and waste could or might be achieved and thus might well to be implemented towards these primary and stated objectives, goals and needs.

References

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Various Media and Internet News Broadcasts 2011/12
Penguin English Dictionary, Britain, 2007

Author
Natures Hand
Mr. David Ed Camelot
2012 © CANADA

EXTENDED EARTH HOUR GLOBAL EVENT

Extend the hours and days of Earth Hour to realize a greater effect.

ELECTRICAL GRID



1. 1847-1941 USA Thomas Edison. Edison invented the modern electric industry. General Electric, [light bulbs](#), power plants, even the concept of a grid all came from him. Interestingly, one of Edison's favorite ideas, direct current, fell out of favor early on. The rise of solar panels and batteries and the need for greater efficiency, however, is prompting Panasonic, Sharp and others to look at ways to incorporate [DC](#) into homes, data centers and office buildings.



2. 1856 – 1943 Serbian American, Nikola Tesla. The anti-Edison. Besides differing on AC/DC, Tesla also championed electrode-less lights, a concept now making a comeback, as well as [wireless charging](#).



3. M. Stanley Whittingham. A chemistry professor at the State University of New York Binghamton, Whittingham led a team at Exxon that resulted in the first lithium ion battery. Whittingham's titanium sulfide battery was not a hit -- Sony actually had the first commercially successful lithium ion battery when it came out with its lithium cobalt model in the early 1990s. Still, it opened the door to batteries that greatly advanced storage for portable devices, and soon cars and the grid



4. Ken Lay. The personification of the law of unintended consequences. Enron under Lay (and later under chief executive stooge Jeff Skilling) engaged in nefarious trading schemes that brought California's grid to its knees in early 2001. The high prices and blackouts prompted the Golden State to move toward renewable energy. Subsequently, 2001 [became a pivotal year for green startups](#). Suntech Power Holdings, A123 Systems, EnerNoc, CPower, Konarka, Greenfuel Technologies, Akeena Solar and Bloom Energy were all founded that year and SunPower came back from the brink of death after an injection of cash from T.J. Rodgers. In the same year, General Electric approached the collapsed Enron about buying its wind division. GE bought it, got into wind, and now leads the market.



5. Geoffrey Ballard. A visionary and in part a tragic figure, too. Ballard founded Ballard Fuel Cells amid great fanfare in the 1990s. Profits have eluded the company, just as profits have eluded the many companies that have been [spawned by Ballard alumni](#), but the dream of fuel cells remains alive. Bloom Energy, Panasonic, and Ceres Power may ultimately transform it into a full-fledged industry. You can put [Stan Ovshinsky](#), the ovonics promoter, in the same category as many other inventors who could sketch a great future but not quite reap the rewards of bringing the vision to fruition.



6. David Brewster and Tim Healy. Analysts continue to debate whether the term "smart grid" was coined by [Andres Carvallo](#) or Massoud Amin. Actually, the concept of the smart grid existed before the term itself was coined. Back in 2001, Brewster and Healy formed [EnerNoc](#) to provide demand response services to utilities to curb peak power, and demand response is really the ultimate goal of the smart grid. EnerNoc didn't invent the category -- competitor Comverge is actually older -- but it is the largest company in the space, with over 3 gigawatts of power under its control, and has perhaps done the most to popularize the smart grid concept. (Like many other early energy startups, EnerNoc had a lot of difficulty getting VCs to listen to them at first.) We'd also like to give a hat tip here to [Echelon](#). Power line networking was invented with the idea of linking up TVs and PCs, but Italian utility Enel exploited it for one of the earliest and still largest smart grids in the world -- 30 million meters and growing. Apple is looking at power line models for its [home energy system](#). No coincidence there: Mike Markkula -- an early investor, employee number three, and the former chairman of Apple -- founded Echelon.



1. Shuji Nakamura. [Nakamura](#) accomplished something in the early '90s many considered impossible at the time: a white light LED. The invention transformed [Nichia](#) from a small Japanese manufacturer to a global industrialist. Nakamura also later became a folk hero among salary-men in Japan after suing Nichia for a fair share of the financial rewards. Nakamura now teaches at the University of California Santa Barbara and is involved in two start-ups called Kaai and Soraa.



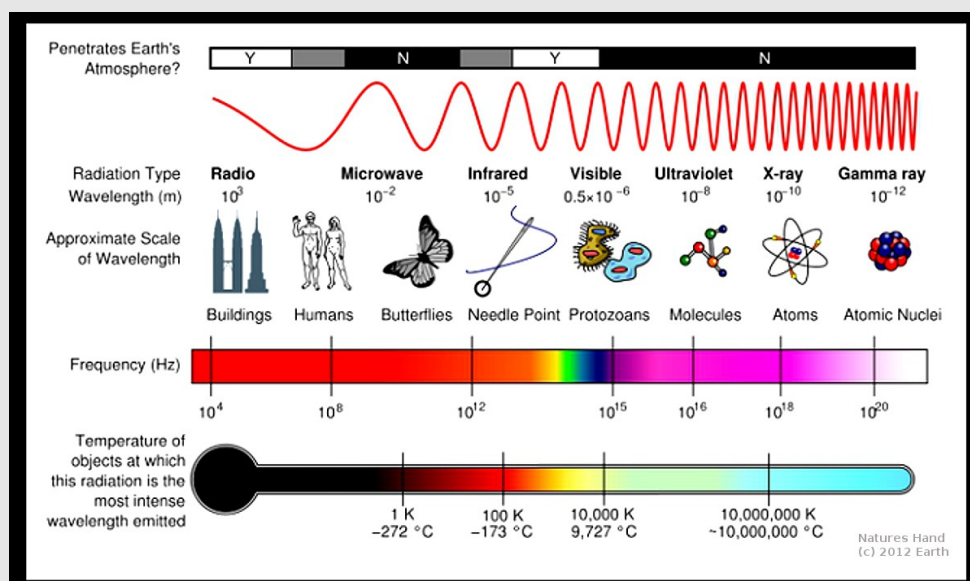
2. Dave Ditzel. A former Sun Microsystems chip designer, Ditzel founded Transmeta in the '90s with the idea of producing low-powered, Intel-compatible processors. Ditzel's theory was that the increasing power budgets of modern chips would sap batteries in notebooks and cause servers to melt. Transmeta [crashed miserably](#). Intel, Advanced Micro Devices and others, however, picked up the low-power mantra from Transmeta. Along the way, electricity prices climbed and the industry shifted to emphasizing utility budgets instead of meltdowns. Energy efficiency is now the top priority in the IT field. Final irony: Ditzel now works for his old nemesis Intel.



3. Fujio Masuoka. While working at Toshiba in the '80s, Masuoka came up with the first chips that could retain data even after their host computer got turned off. Even today, chip makers consider flash something of a miracle. (The secret: the memory bits on flash chips are encased in silicon dioxide, or glass. Once electrons get shoved in, they stay there for years). Flash effectively has made cell phones, MP3 players and other devices functional by reducing weight and battery life. [Flash will next colonize the data center](#) through companies like Sandforce and drastically reduce the power required for electronic commerce.



4. Mendel Rosenblum. The father of [virtualization](#). Like Ditzel, Rosenblum wasn't initially primarily concerned with power savings. He wanted to figure out a way to get more work out of each server. A founder of VMware, he still teaches at Stanford, the university near Foothill Junior College. Virtualization is now a standard for green data centers. Runner-up: [Marc Beniof](#), who pioneered the virtualization-dependent software-as-a-service concept.



BIOME COMPUTING**RFC
Request For Comments**

Hello responsible parties, organizations, teachers and parents,
In and for the interests of a just, caring, green and sustainable global society,
we, Natureshand, do hereby give notice towards the desire for your
participation and or comments in the following initiative.

A concern or consideration has arisen regarding the health, well being and
safety of the children and future of humanity in regards to the world wide web as
it now exists. Given this concern it suggests to our organization, natureshand,
that there is a growing and somewhat pressing need or consideration towards a
solution of providing a sheltered, safe and learning harbor on the Internet for
children say at or under the age of 14 years. Childhood and innocence being
valued by most or many of the worlds Nations as a time of grace and learning
protected against the realities, responsibilities and stress of most older citizens
and adults. In addition given the global nature of the Internet and the WWW and its
inherent nature, it affords opportunity to those who wish to do harmful,
questionable and unlawful acts against the young.

Towards this concern, we are proposing the concept of a separate world wide
school web or network be developed upon the Internet to provide a safer and
more educationally oriented domain for the worlds children at or under the
specific age of 14 or so. Given the inherent complexity and nature of the Internet
and WWW, such a development would be a huge and perhaps impossible
undertaking, without some kind of participation and cooperation of many people,
governments, nations, businesses, organization and education departments.
Even to know where to start in such a huge undertaking is difficult but grows
more difficult still with the passage of time and the expansion of the WWW.
It is thus with some perhaps confusion or duress that we, natureshand
present this draft proposal for your consideration, questions and comments and
hopefully assistance towards and goal and mission of giving those younger
citizens of the Nations of the Earth, some kind of stay, shelter and learning
environment and network from this world, WWW and troubles of older humanity.
This concerned and confused beginning thus, though unfortunate, is a
beginning none the less towards the previous aims and concerns expressed
above and with some, somewhat lengthy thought, expense and effort into this
matter, we now find and conclude that it requires the help, representation,
resources and participation or at least some comments from the following parties
and organizations and perhaps more, as towards its perhaps pro bono or
subsidized structure, hardware, networks, domains, IPs, protocols, technologies,
finances, administration, legalities, teachers, people, resources and content
required to actualize and realize this visions reality and existence. In that regard
it suggests to us the immediate formation of a global non profit crown
corporation and or trust to carry out and administer further this schoolweb.kid
network or world web.

STATIC ANTHROPOSPHERE

The Internet

Towards this proposed legal establishment of a global nonprofit crown corp or trust please continue to read the following and identify your organization and required capacity regarding this effort and if you agreed to participate and share some of the same concerns for today's children, their education and future, you are free to contribute what capacity, guidance, skill and experience you choose towards it, To do this please indicate or delegate someone to participate in the capacity of your field as it is or has been deemed somewhat mandatory if the legality, security and function of the schoolweb.kid is to succeed.

At present, I am somewhat at a loss as to who could properly, execute and chair this matter but offer and nominate myself for the time being until further developments transpire and a more suitable and proper chair can be found and elected. In my own estimation my own preference and nomination for chair at this time would be or is the Right Honorable Governor General of Canada and in this communication, I do now nominate her and offer to her Excellency my assistance in furthering this enterprise if requested.

Regardless of your comments or participation, please acknowledge your receipt of this communication and if you do wish to participate and contribute to or simply give comment please do so by July 1, 2008, so as a meeting or conference might be held around the middle of August of 2008 between those who wish to be involved and or present their input from any comments that might be received.

*Temporary Chair of Proposed Schoolweb.kid Global Nonprofit Crown Corporation/
Trust*

*David E. Camelot
Natureshand.info*

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The Internet Proposed Global Non Profit

Schoolweb Crown Corporation/Trust

Recommended Board of Governors, Directors and Infrastructure

Draft 4

by David E. Camelot

Temporary Chair

Proposed Schoolweb Global Non-Profit Crown Corp/Trust

Feb 21, 2008, Thursday (updated Winter 2012)

Red Deer Alberta Canada

Schoolweb Preamble

United Nations Convention on the Rights of the Child

RCMP Mission Statement

The EARTH Charter

Estimated Start Up Cost = \$ 1 Billion Dollars Can.

Estimated Value of Children, Education and the Future = Priceless Plus

Staffing Contingent, Initial Deployment = 250 Plus Positions

Proposed Schoolweb Crown Corp Board of Governors

Capacity Nominee

Executives

Chair/President The Right Honorable Governor General of
Canada

Vice Chair 1 United Nations

Representative

Vice Chair 2 Athabasca University Can. Presidents Office

Representative

Vice Chair 3 NASA

Representative

Secretary Openoffice.org

Representative

Treasurer Barron's Educational Series Inc.

Representative

Legal World Court of Justice

Representative

Regulation CRTC <http://www.crtc.gc.ca>

Representative

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The Internet SCHOOLWEB NETWORK INFRASTRUCTURE CONTENT

1. sWeb Administration
2. sWeb Budget
3. sWeb Framework
4. sWeb Security
5. sWeb System
6. sWeb Providers
7. sWeb Programs
8. sWeb Content
9. sWeb Social Media
10. sWeb Other

1. Schoolweb Network Administration

Intended level of school grades

Grades 1 to 6 and under.

Under the auspices of the CRTC

2. Schoolweb Preliminary Budget

\$1 Billion Dollars Startup Costs Globally

Initial Employee Contingent 250 persons

?????????

3. Schoolweb Network & Power Framework

Capacity Nominee

sweb Fiber Optic WDM, DWDM, SOH & IXP Matters ?????

sweb IP Number & 5 Regions Matters (IXP?) IANA Rep

sweb Super Net Matters Alberta Government

sweb .kids Domain Matters ICANN Rep

sweb North American IP Region Matters ARIN Rep

sweb Network OS and TCP/IP Matters Netware Rep

sweb Standards, System and Code Validators, URI, URL, HTTPS, HTTP and WWW Matters W3.org Rep

sweb Net Backbone Matters Backbone Network Providers Rep

sweb Browser and Search Matters Google.org Rep

sweb Hardware Matters IBM Rep

sweb Routers & Router OS Matters CISCO Routers Rep

sweb Power Provider Matters ENMAX Energy Rep

sweb DNS & DNS sec matters ?

sweb Satellite Matters?

Web cell tower and wireless matters ?

Web Wifi and Bluetooth matters ?

Web interact and banking matters ?

4. Schoolweb Network Security

Capacity Nominee

sweb Security Matters Royal Canadian Mounted Police Rep

5. Schoolweb Super Computer System

Capacity Nominee

sweb Super Computer Operating System Matters ?

sweb Hardware Matters Dell Computers Rep

sweb BIOS Matters Award Rep

sweb Mobility, Wireless and Cell Matters Virgin and Samsung Company Rep

sweb Root Operating System Matters Ubuntu OS Rep

sweb Old WWW Browser Access Matters Firefox Browser Rep

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The Internet

sweb Google Earth Browser & Desktop Search, Search and Earth and Space Maps and Browsers Matters
Google.com Rep

sweb Disc Drive Matters Lacie & LG Company Rep

sweb CD & DVD Disc Matters Memorex Company Rep

sweb General Network and Operating System, Defragger, Developers, Network Monitor,
Process Explorer, Disk Cleaner, Windows Film Maker, Outlook Express Matters Microsoft Company Rep

sweb Computer Chip Matters AMD Chipmaker Rep

sweb Mother Board Matters GIGABYTE Company Rep

sweb Itunes, Ipod, Iphone Matters Apple Computers Rep

sweb Hard Drive & RAM Matters Samsung Company Rep

sweb Ethernet and Modem Matters 3com Company Rep

sweb Telecom Matters Telus Corp Rep

sweb Cable and TV Matters Shaw Company Rep

sweb Standards Matters ISO Rep

sweb FTP, Software and Downloading Matters Source Forge Rep

sweb Computer Diagnostic Matters Ultimate Boot for Windows Rep

sweb HTML Matters NVU and Tidy Reps

sweb LCD Monitor Matters NEC Monitors Rep

sweb Printer, Scanner and Fax Matters HP Company Rep

sweb Alternative Energy and Solar Panel Matters BP Solar Rep

sweb Power Backup Matters Motomaster Rep

sweb Transportation Matters Mercury Ford & Smart Car & West Jet Reps

sweb Flash Drive Matters Kingston Flash Drives Company Rep

sweb Registry Cleaner Matters Abexo Company Rep

sweb Computer Virus Protection Matters Clamwin Rep

sweb Spyware Matters Spybot and Destroy Rep

sweb Time Sync Matters Karensware Rep

sweb Image File Software Matters Gimp Software Program Rep

sweb Audio File and Recording Matters Audacity Rep

sweb Document Matters Open Office Rep

sweb Radio Matters Canadian Broadcasting Corp Rep

sweb Surge Protection and Interrupt Power Matters APC Company Rep

sweb Camera and Video Matters Pentax Cameras Rep

sweb DVD Matters Power Producer Rep

sweb CD Matters Roxio & Nero Software Rep

sweb Nameserver Software Matters Simple DNS Plus Rep

sweb Computer System Specs Matters Belarc Advisor Rep

sweb PDF Matters Adode Company Rep

sweb Archive and File Expander Matters Stuffit Company Rep

sweb Computer Graphics Hardware Matters Nvidia Company Rep

sweb Computer Audio Hardware Matters Realtek Company Rep

sweb Computer & Electronic Specifications Matters IEEE Rep

sweb Audio Sound System Matters Hollywood 2 System Company Rep

sweb Hot Mail and Gmail Matters

sweb Paypal, Ebay, Credit Matters

sweb Skype Matters Skype rep

sweb HD 1080, Blue ray Matters Sony Rep

sweb Flashdrive Matters Kingston Rep

6. School Web Network Public Internet Providers

Capacity Nominee

sweb Internet Provider Matters Bell, Primus, Shaw Cable, Rogers, Virgin and Telus Reps

STATIC ANTHROPOSPHERE**The Internet**

See Part 2
Updated 7 Oct 2012 Sunday by David Camelot, RD, AB CA
REFERENCES

YEAR	SUBJECT	AUTHOR	PLACE	ISBN
2008	DNS Hole, Internet Design Flaw Incident	VINTON CERFs, 1983, JAN 1, not enough variables in DNS algorithm	Black Hat Meeting, Las Vegas, USA?	NONE
2007	Newton's Telecom Dictionary 23 rd Edition	Edition by Harry Newton © 2007, Published by Flatiron Publishers	New York, NY. USA	# 0-9793873-0-2
2000	Dictionary of Computer and Internet Terms	Author: Douglas Downing By Barron's Business Guides, 2000 © by Barron Educational Series	USA	# 0 7641-1265-1 Lib of Cong Cat Card No. = 99-35913
1999	Teach Yourself HTML VISUALLY	© 1999 by maranGraphics Inc. IDG Books	Ont. CA.	# 0-7645-3423-8 Lib of Congress # 99-067074
1995	World Wide Web Organization, HTML, WWW	TIM BERNERS-LEE , CERN, http://www.w3.org	Geneva, Switzerland,	none
1992	SCI- Scalable Coherent Interface standard dev	IEEE Std 1596-1992- ISO/IEC 13961:2000) PDF:	Earth	ISBN 0-7381-1206-2SS15255
1983	Internet Grandfather and Co-Creator http, TCP/IP Protocol , Jan 1, 1983	Vinton Cerf, ISCO	USA	NONE
1969	COMPUTER COMMUNICATIONS NETWORKS, ARPANET	UNITED STATE DEPT OF NATIONAL DEFENSE	USA	NONE
1947	The Invention of the Transistor	John Bardeen & others, Bell Labs	USA	Patent # ?
1877	The Invention of the Light Bulb	Thomas Alva Edison	USA	Patent # ?
1875	June 3, 1875, Invention of telephone	Alexander Graham Bell	Scotland/Canada	Patent # ?

SEE PART 2 CONTENT

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canadamap.jpg



Canadian flag in Green
2.jpg



canflag.jpg



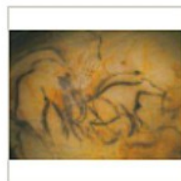
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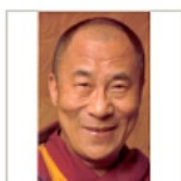
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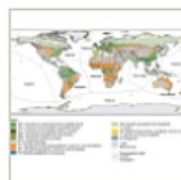
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EmilyCarrworklite.jpg



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POLICY MAKERS



1. The Presidential Trifecta. Theodore Roosevelt established national parks and made conservation an official government policy. Richard Nixon passed the Clean Air Act, the Endangered Species Act and other environmentally friendly legislation. Carter pushed to get the U.S. off foreign oil, helped establish the scientific backbone for the U.S. alternatives industry and ensured that [cardigan sweaters would never, ever be a fashion statement again](#). All three would also have trouble getting elected by their own parties.



2. Roger Revelle and Hans Suess. Revelle, at Scripps, and Suess, at the USGS, wrote a paper in 1957 that demonstrated that the [chemistry of the ocean](#) puts a limit on how much carbon dioxide the seas can absorb. It opened the debate on global warming and mitigation.



3. Art Rosenfeld. Hugu! Back in the 1970s, Rosenfeld, a physicist at Lawrence Berkeley lab (and Fermi's last grad student), determined that the power consumption in California and the nation would outstrip our ability to produce it. He kicked off a massive effort to get the state to pass efficiency regulations. Appliance makers fought vigorously, but California instituted Title 24 anyway. "They all claimed it was the (expletive) end of civilization as we knew it," [he told me in 2006](#). "Autos were getting 14 miles a gallon. Energy efficiency wasn't part of the American ethic whatsoever." The result? Per capita power consumption has remained relatively flat in California but nearly doubled in the rest of the country. The results can only partly be attributed to the "Rosenfeld Effect." Still, the impact has been huge. Modern refrigerators consume half or less than that of fridges back in the '70s, hold more food and cost less when adjusted for inflation. His work has likely offset hundreds of billions in energy savings. Until recently, Rosenfeld served on the California Energy Commission and recently published a [paper on the efficiency gains possible through white roofs](#).



4. Steven Chu. Back in [2004](#), people would ask Steve Chu why he left a cushy job as in-house Nobel winner at wealthy Stanford to run [Lawrence Berkeley Lab and grapple with all the budget issues that come with running a state-run organization](#). To do something about the energy situation, he'd reply. Getting BP to contribute \$500 million to UC Berkeley and the University of Illinois for the biosciences institute became one of his first accomplishments. As the Secretary of Energy, he's been handing out checks ever since.



5. William McDonough. This prominent architect, along with chemist Michael Braungart, encouraged manufacturers to redesign products for efficiency and recyclability. But more importantly, recycling and renewability have gone from being acts of puritanical punishment to style statements. Face it: if [bamboo fixtures](#) didn't look cool, consumers wouldn't snap them up at Target.



6. Alan Salzman. One of the [earliest](#) venture capitalists in green. Salzman's VantagePoint Venture Partners has plunked money into Adura Technologies (lights), Tendril Networks (home networks), Ze-Gen, Bridgelux, Solazyme Better Place and Tesla Motors. To date, VCs have had a checkered history in green and VantagePoint has participated in none of the few exits in green that have occurred. I can't even find a decent acquisition in there. Nonetheless, the billions washed down on green companies will one day likely sprout and the [variety and selection in VantagePoint's portfolio bodes well](#). If you have to put a VC on the list, Salzman deserves the nod.



7. Al Gore. If he could have been as natural and self-assured on the campaign trail as he has been on the lecture circuit, he may never have had to resort to the "I used to be the next President of the United States" joke. Proposed the creation of a Global Marshal Plan in 2005, to address the Earth and societies issues.



8. Intergovernmental Panel on Climate Change. 976 pages and only [a few minor quibbles](#). The thousands of scientists behind the watershed report firmly established climate change as a scientific reality.



9. Arnold Schwarzenegger. It's fantastic. The star of *Kindergarten Cop* has been one of the most pivotal figures in helping turn the debate around green tech from being an environmental issue to an economic one. You [can't go to a plant opening in California without running into him talking about chobs, chobs, chobs and chobs](#).

10.

- Multibiome Global Sensory Network - the Internet
- Geocens - NASA
- The Gravity Battery, The Nation of Ecuador enshrines Nature Rights in Constitution

Shyam Mehta and Eric Wesoff and David Camelot contributed to this article.

Constitutions and Charters

*In that, the residual, primary or main purpose of a Constitution and or Charter
by definition and meaning...
is to preserve the Lawful, Good, Healthy and Harmonious Order
of a State, Nation, Society or System
We hereby present the following:*

PARLIMENTARY PROCEDURE FOR GOVERNING BODIES
See "Robert's Rule of Order, The Modern Edition"

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POLITICS, GOVERNANCE ECOCHARTER 1982

THE PARKLAND BIOME CONSTITUTION OF LAWS, RIGHTS AND FREEDOMS. 2011

Whereas PARKLAND BIOME is founded upon principles that recognize the supremacy of God, the rule of law and responsible democracy and Whereas We the People consent to the following:

I. The Laws/Values of Parkland Biome Pre 1000 AD/CE

- 0.1. We shall have no other God or Gods before G O D.
- 0.2. We shall maintain the purpose and meanings of the Laws / Values as Sacred and Necessary.
- 0.3. We shall not commit homicide except as in self defense.
- 0.4. We shall not steal things nor take the Name nor Glory of G O D in vain.
- 0.5. We shall not commit adultery nor sexually assault nor betray one and other.
- 0.6. We shall observe and keep the Sabbath as a Holy Day and a Day of Rest, Faith, Fasting, and Prayer and we shall regularly conserve water and eat a wholesome breakfast.
- 0.7. We shall be Honest and not give false or improper witness.
- 0.8. We shall Share with each other when able though not covet our Neighbors possessions even though at times of and in and or out of want and need.
- 0.9. We shall Honor, Love, and Obey, Our G O D, Our Earth, Spouse, Self, Father, Mother, and Grandparents, even though it is difficult at times.
- 0.10. We shall Love and have Compassion for one and other, as well as be as Guardians of the Sources and Contributors of and to Global Ecological and Ecozonal Health, Harmony and Symbiosis.
- 0.11. Those found guilty or responsible for violating such Laws, can be confined for 6 months.**

An Abridged Compilation from the Ten Commandments and the Numerous Historical and Aboriginal Codes of Ethics

II. See # Sec 32, vol 6, Constitutional Law, BNA Act 1867, The Canadian Encyclopedic Digest (Western Edition) © 1995

III. THE GENEVA CONVENTION & THE UN INTERNATIONAL CONVENTION ON HUMAN RIGHTS 1948 & 1950 Earth

IV. The Rights and Freedoms of PARKLAND BIOME 1982/2011

Good Probability of Sustainable and Regenerative Rights and Freedoms

1. The *Parkland Biome Constitution of Laws, Rights and Freedoms* supports and condones the rights and freedoms set out in it subject only to such reasonable limits prescribed by law as can be demonstrably justified in a free, responsible and democratic society.

Fundamental Freedoms

2. Everyone has the following fundamental freedoms:
 - (a) freedom of conscience and religion;
 - (b) freedom of thought, belief, opinion and expression, including freedom of the press and other media of communication;
 - (c) freedom of peaceful assembly; and
 - (d) freedom of association.

Democratic Rights

3. Every citizen of Parkland Biome has the right to vote in an election of members of the House of Government/Commons or of a legislative assembly and to be qualified for membership therein.

4.(1) No House of Government/Commons and no legislative assembly shall continue for longer than five years from the date fixed for the return of the writs at a general election of its members.

(2) In time of real or apprehended war, invasion or insurrection, a House of Government/Commons may be continued by Parliament or Assembly and a legislative assembly may be continued by the legislature beyond five years if such continuation is not opposed by the votes of more than one-third of the members of the House of Government/Commons or the legislative assembly, as the case may be.

5. There shall be a sitting of Parliament or Assembly and of each legislature at least once every twelve months and there shall be the election of a Male Co-Prime minister and a Female Co-Prime minister for equal terms, to jointly govern the matters and affairs of the Parkland Biome.

Mobility Rights

6.(1) Every citizen of Parkland Biome has the right to enter, remain in and leave Parkland Biome.

(2) Every citizen of Parkland Biome and every person who has the status of a permanent resident of Parkland Biome has the right

(a) to move to and take up residence in any city; and

(b) to pursue the gaining of a livelihood in any city.

(3) The rights specified in subsection (2) are subject to

(a) any laws or practices of general application in force in a city other than those that discriminate among persons primarily on the basis of city of present or previous residence; and

(b) any laws providing for reasonable residency requirements as a qualification for the receipt of publicly provided social services.

(4) Subsections (2) and (3) do not preclude any law, program or activity that has as its object the amelioration in a city of conditions of individuals in that city who are socially or economically disadvantaged if the rate of employment in that city is below the rate of employment in Parkland Biome.

Legal Rights

7. Everyone has the right to life, liberty and security of the person and the right not to be deprived thereof except in accordance with the principles of fundamental justice.

8. Everyone has the right to be secure against unreasonable search or seizure.

9. Everyone has the right not to be arbitrarily detained or imprisoned.

10. Everyone has the right on arrest or detention

(a) to be informed promptly of the reasons therefor;

(b) to retain and instruct counsel without delay and to be informed of that right; and

(c) to have the validity of the detention determined by way of *habeas corpus* and to be released if the detention is not lawful.

11. Any persons charged with an offense has the right

(a) to be informed without unreasonable delay of the specific offense;

(b) to be tried within a reasonable time;

(c) not to be compelled to be a witness in proceedings against that person in respect of the offense;

(d) to be presumed innocent until proven guilty according to law in a fair and public hearing by an independent and impartial tribunal;

(e) not to be denied reasonable bail without just cause;

(f) except in the case of an offense under military law tried before a military tribunal, to the benefit of trial by jury where the maximum punishment for the offense is imprisonment for five years or a more severe punishment;

STATIC ANTHROPOSPHERE

Governance

(g) not to be found guilty on account of any act or omission unless, at the time of the act or omission, it constituted an offense under Parkland Biome, Canadian, or international law or was criminal according to the general principles of law recognized by the community of nations;

(h) if finally acquitted of the offense, not to be tried for it again and, if finally found guilty and punished for the offense, not to be tried or punished for it again; and

(i) if found guilty of the offense and if the punishment for the offense has been varied between the time of commission and the time of sentencing, to the benefit of the lesser punishment.

12. Everyone has the right not to be subjected to any cruel and unusual treatment or punishment.

13. A witness who testifies in any proceedings has the right not to have any incriminating evidence so given used to incriminate that witness in any other proceedings, except in a prosecution for perjury or for the giving of contradictory evidence.

14. A party or witness in any proceedings who does not understand or speak the language in which the proceedings are conducted or who is deaf has the right to the assistance of an interpreter.

Equality Rights

15.(1) Every individual is equal before and under the law and has the right to the equal protection and equal benefit of the law without discrimination and, in particular, without discrimination based on race, national or ethnic origin, color, religion, sex, age or mental or physical disability.

(2) Subsection (1) does not preclude any law, program or activity that has as its object the amelioration of conditions of disadvantaged individuals or groups including those that are disadvantaged because of race, national or ethnic origin, color, religion, sex, age or mental or physical disability.

Official Language of PARKLAND BIOME

16.(1) Proper and Good Canadian is the official language of Parkland Biome and is reasonably expected of most or all citizens in and at the institutions of the Parliament, Assembly and government of Parkland Biome.

(2) Nothing in this Constitution limits the authority of Parliament, Assembly or a legislature to advance the equality of status or use of the official language.

17.(1) Everyone has the right to use Canadian in any debates and other proceedings of Parliament/Assembly.

18.(1) The statutes, records and journals of Parliament/Assembly shall be printed and published in Canadian and such is authoritative.

19.(1) Canadian may be used by any person in, or in any pleading in or process issuing from, any court established by Parliament.

20.(1) Any member of the public in Parkland Biome has the right to communicate with, and to receive available services from, any head or central office of an institution of the Parliament/Assembly or government of Parkland Biome in Canadian, and has the same right with respect to any other office of any such institution where

(a) there is a significant demand for communications with and services from that office in such language; or

(b) due to the nature of the office, it is reasonable that communications with and services from that office be available in Canadian.

21. Nothing in sections 16 to 20 abrogates or derogates from any right, privilege or obligation with respect to the Canadian, or by virtue of any other provision of the Constitution of Parkland Biome.

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Governance

22. (1) Nothing in sections 16 to 20 abrogates or derogates from any legal or customary right or privilege acquired or enjoyed either before or after the coming into force of this Constitution with respect to any language that is not Canadian.

(2) Minority Language Rights will be dealt with as they arise.

Environmental/Nature Rights of Parkland Biome (Naturian Bill of Values, 2011)

23. (1). The Preamble :

Whereas UNDER G O D and Our Countries Constitution...

We find, understand and do hereby assert, that caring for oneself and or for others, is knowing and meeting Our reasonable, mutual, and natural wants, needs, rights, values and health, in a legal, sustainable, responsible, just and environmentally friendly way, We then, here and now, of & in these Lands, Skies, Waters, Plants, Life Forms and Citizens, of this Good & Honorable Company, Country & Nation of and on Earth, solemnly, gather ourselves together, in this, the 2nd Millennium, and in good Intent & Desire, do form, harmonize. declare & bring about this better relationship & understanding between & amongst ourselves, our Fellow Citizens and Our National Environment. Thus, we do Enact this Act & Testimony, asserting, pledging and keeping the following:

(2), The Pledges :

(a). That Under G O D, we uphold and Reaffirm, Our Nations Constitution, Our Natural Rights and the Necessaries of Life.

(b). That we will & are establishing Strong & Binding Environmental Justice Measures.

(c). That we will & do ensure Proper & Adequate Environmental Tranquility.

(d). That we will & do provide for & enforce Environmental Defense, Protection & Conservation.

(e). That we will & do promote the general Welfare, Well Being & Health of Our Nations'

Environment, Air, Waters & Life forms.

(f). That we will endeavor to evolve responsibly and be a source of Global and Local Ecological and Ecozonal Health.

(g). & that we will, are & will continue to secure the Blessings, Benefits & Fruits of Responsible Government & Environmental Stewardship to & for our Lands, Ourselves, in keeping with our Past and towards our Present & Future Prosperity & possibly, if permitted & or requested, further to some degree or other, to & for the Earth as a whole.

(h). & We do such and this voluntarily, freely and willingly,

(i). & in Conclusion we will and do abide and leave the Earth as we found it or improved as we may afford, know and understand.

Emergency Measures

24. At times of perceived eminent or actual local, civil, National or International unrest, war, insurrection, crisis or disaster etc., whether human made or an Act or Acts of God or Nature, the democratically elected Authorities of the time, may and must give written notice or pronouncement of and evoke the Emergency Measures Act or similar under the guidelines and durations prescribed in the act and if the State is in elections at the time then the election will be suspended and the previous Government immediately reinstated to deal with the crisis until addressed and then so done, and the Government dissolved again and the election unsuspended and continued. (See Prior Emergency Measures Act.) Crimes against Humanity and or the Greater Earth not tolerated.

Enforcement

25.(1) Anyone whose rights or freedoms, as guaranteed by this Constitution, have been infringed or denied may apply to a court of competent jurisdiction to obtain such remedy as the court considers appropriate and just in the circumstances.

(2) Where, in proceedings under subsection (1), a court concludes that evidence was obtained in a manner that infringed or denied any rights or freedoms guaranteed by this Constitution, the evidence shall be excluded if it is established that, having regard to all the circumstances, the admission of it in the proceedings would bring the administration of justice into disrepute.

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Governance

General

26. The guarantee in this Constitution of certain laws, rights and freedoms shall not be construed so as to abrogate or derogate from any historical, treaty or other rights or freedoms that pertain to the historical peoples of Parkland Biome.

27. The guarantee in this Constitution of certain laws, rights and freedoms shall not be construed as denying the existence of any other rights or freedoms that exist in Parkland Biome.

28. This Constitution shall be interpreted in a manner consistent with the preservation and enhancement of the multicultural and historical heritage of Parkland Biome.

29. Notwithstanding anything in this Constitution, the laws, rights and freedoms referred to in it are guaranteed equally to male and female persons.

30. Nothing in this Constitution abrogates or derogates from any rights or privileges guaranteed by or under the Constitution of Parkland Biome in respect of denominational, separate or dis-sentient schools.

31. A reference in this Constitution to a city or to the legislative assembly or legislature of a city shall be deemed to include a reference to Parkland Biome or to the appropriate legislative authority thereof, as the case may be.

32. Nothing in this Constitution extends the legislative powers of any body or authority.

Ecoeconomic Reference and Cross-reference

33. Let it be known in general terms of economic and environmental values and reference that,

(1) The value of 4.942 acres or 2 hectares of arable Canadian/Parkland Biome lands be known to have and have as of Jan. 2011, the value of \$40,000.00 CA or 1,400 ounces of fine silver bullion.

Damages

34. Those found by a competent court of and in its jurisdiction, to be in breach or violation of this Constitution can be imposed (May be minimized or mitigated if torts etc. occur during State Emergency)

(1) a fine of up to \$10,000 plus court costs

and or sentenced to 6 months community service

(2) may be waived or made minimum or conditional

and or

(3) 6 months house arrest

and or

(4) 6 months of incarceration

for such breach and or violation of it.

Application of Constitution

35.(1) This Constitution applies

(a) to the Parliament/Assembly and government of Parkland Biome in respect of all matters within the authority of Parliament/Assembly/Government including all matters relating to Parkland Biome; and

(b) to the legislature and government of each city in respect of all matters within the authority of the legislature of each city.

(2) Notwithstanding subsection (1), section 15 shall not have effect until three years after this section comes into force.

36.(1) Parliament/Assembly or the legislature of a city may expressly declare in an Act of Parliament or of the legislature, as the case may be, that the Act or a provision thereof shall operate notwithstanding a provision included in section 2 or sections 7 to 15 of this Constitution.

(2) An Act or a provision of an Act in respect of which a declaration made under this section is in effect shall have such operation as it would have but for the provision of this Constitution referred to in the declaration.

STATIC ANTHROPOSPHERE

Governance

(3) A declaration made under subsection (1) shall cease to have effect five years after it comes into force or on such earlier date as may be specified in the declaration.

(4) Parliament/Assembly or a legislature of a city may re-enact a declaration made under subsection (1).

(5) Subsection (3) applies in respect of a re-enactment made under subsection (4).

Citation

37. This Part may be cited as the *Parkland Biome Constitution of Laws, Rights and Freedoms*.

ISBN # 978-1-927011-03-4

References

YEAR	SUBJECT	AUTHOR
2010 CE	The Declaration of Rights for Mother Earth	World Congress Meeting in Bolivia many Nations
2008 CE	ECUADOR CONSTITUTION	PEOPLES OF ECUADOR, SOUTH AMERICA
1990 CE	CANADIAN EMERGENCY MEASURES ACT	GOVERNMENT OF CANADA
1982 CE	CANADIAN CHARTER OF RIGHTS AND FREEDOMS	GOVERNMENT OF CANADA, AND HER MAJESTY QE II
1950 CE	INTERNATIONAL DECLARTIONS OF HUMAN RIGHTS	UNITED NATIONS OF EARTH
1867 CE	THE CANADA ACT	GOVERNMENT OF ENGLAND AND DOMINION OF CANADA, FATHERS OF CONFEDERATION
1611 CE	KING JAMES HOLY BIBLE	ENGLAND
1215 CE	MAGNA CHARTA	KING JOHN OF ENGLAND
888 CE	TRANSLATIONS OF LATIN TEXTS	BY KING ALFRED THE GREAT OF ENGLAND
100 BCE	THE COMMON LAW AND NATIVE CODES OF ETHICS	BY HUMANITY, EARTH

**WESTERN CANADIAN LAWS 1995 THE CANADIAN ENCYCLOPEDIA DIGEST (WESTERN)
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The following is a list of the subject titles in C.E.D., showing the volumes in which they appear and their respective title numbers. Titles which have not yet been published in C.E.D. (West. 3rd) are shown in italics, with their corresponding titles in C.E.D. (West. 2nd) where applicable.

SUBJECT	TITLE	VOLUME	SUBJECT	TITLE	VOLUME
1	Absentees	1	33.	Contempt of Court	7
2.	Actions	1	34.	Contracts	7
3.	Administrative Law	1			
4.	Agency	1	34.1	Co-operatives	8
5.	Agriculture	1	35.	Copyright	8
			36.	Coroners and Medical Examiners	8
6.	Animals	2	37.	Corporations	8
7.	Annuities	2			
8.	Arbitration	2	38.	Costs	9
9.	Armed Forces	2	39.	Courts	9
10.	Associations	2			
11.	Auctions	2	40.	Criminal Law (Substantive)	10
12.	Aviation and Air Law	2			
13.	Bailment	2	40.1	Criminal Law (Defenses)	10A
			41.	Criminal Law (Procedural)	10A
14.	Banking	3			
15.	Bankruptcy and Insolvency	3	42.	Crown	11
			43.	Custom and Excise	11
16.	Barristers and Solicitors	4	44.	Damages	11
17.	Bills of Exchange	4			
18.	Bills of Sale and Chattel Mortgages	4	45.	Debtor and Creditor	11A
19.	Boundaries	4	46.	Deeds and Documents	11A
19.1	Builders Liens	4	47.	Defamation	11A
			48.	Devolution's of Estates	11A
20.	Building Contracts	5	49.	Discovery	11A
21.	Bulk Sales (Cross Reference)	5	50.	Distress	11A
22.	Burial and Cremation	5	51.	Drainage	11A
23.	Carriers	5	52.	Easements	11A
24.	Charities	5			
25.	Chooses in Action	5	53.	Education	11B
26.	Churches and Religious Institutions	5	54.	Elections	11B
27.	Citizenship, Aliens and Immigration	5			
			54.1	Employment Law	11C, 11D
28.	Conditional Sales	6			
29.	Condominiums	6	55.	Environmental Law	11B
30.	Conflict of Laws	6	56.	Equity	11B
31.	Conspiracy	6	57.	Estoppel	11B
32.	Constitutional Law	6			

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59.	Execution	13
60.	Executors and Administrators	13
61.	Expropriation	13, See Compensation
62.	Extradition	14
63.	Family Law (Divorce)	14
63.1.	Family Law (General)	14A
63.2.	Federal and Provincial Taxation	14A
63.3.	Firearms and Explosives	14A
64.	Fires	15
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68.	Fraudulent Conveyances and Preferences	15
69.	Gaming	15
70.	Gifts	15
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79.	Insurance	19
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84.	Limitation of Action	21
85.	Liquor Control	21
86.	Malicious Prosecution and False Imprisonment	21
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90.	Mines and Minerals	22
91.	Mistake	22
92.	Mortgages	22
93.	Motor Vehicles	23
94.	Municipal and School Taxes	23
95.	Municipal Corporations	24
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129.	Sale of Goods	30A	142.	Trespass	33
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May 1995 (Budgets and Space Law?)

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SUBJECT/TITLE: 9, Armed Forces...32, Constitutional Law,... 40, Criminal Law...63.3, Firearms and Explosives...75, Human Rights...77, Infants and Children...121, Public Health and Welfare...146, UN...148, War and Emergency,,, other Banned Weapons
See 1995 CA Encyclopedic Digest (Western)

RE: CURRENT WORLD EVENTS ie Syria Crisis 2011- 2013 and REMEDY:

The Connecticut Declaration 16 Dec

2012 10:15 am MST Ca., revised 4 Sept 2013

PREAMBLE:

Hello not to diminish this 2012 USA daycare killing tragedy, so sad but such as this and worse, has gone on now in Syria for the last 6 months, the killing and torture of innocent children. Are Syrian children any less? Yet are we to rely on elementary teachers to do the fighting and dying for us. Such is not good nor just nor right. Therefore we propose... (Security Council Over ride exception having received 2/3rds vote of the Gen Assembly and Security Council)

BODY:

Be it resolved that the Connecticut declaration stating that upon probable proof 1/150 over 3 months and without reasonable doubt, that an acting Gov or rebel forces (ie: Syria 2011/2012) that kills and or tortures or has killed or tortured it own nations children and future (those under 12 years old), then it stands by objective query of logic and reason, that those doing such heinous and inhuman acts automatically forfeits their right, privilege and power to govern, rule and command and must immediately dissolve, dismiss, resign and disqualify themselves, drop the writ and call for and initiate democratic reforms, elections and processes via a temporary (1 year max) transitional gov (12 transitional cabinet ministers). Such composed of 7 of its nations venerated males and 5 of its nations venerated females, each nominated and voted for and by 50 or so of the nations most respected nonpartisan court judges and each transition minister requiring 55% of the 50 judges support and sworn in. This to be done or else such offending nations gov, will be removed by force by the international community and such gov leaders and members, placed under house arrest. Other nations opposing such just actions, will have 48 hrs notice to remove and divest themselves or interest in and of the offending nation involved, from noon of the day and time set and we thus call for and approve this resolution be adopted.

ADDENDUM: (use of force)

In addition, in the event of the use of banned or chemical weapons on innocent citizens and children, with or without notice, the offending nation and or other offending rebel forces in that nation that utilize and use such, shall have their leaders have international arrest warrants issued against and on them for their immediate arrest by the UN or other superior authority, and charges of war crimes and crimes against humanity be immediately filed and laid and the offenders apprehended, charged and tried at the international criminal courts and or if necessary, required and planned punitive or disciplinary approved military strikes to a max of 60 + 30 days with no intervening ground troops be made against the offending nations and their banned weapons or military resources and or until the accused culprits/leaders surrender or are surrendered unconditionally to the superior international authorities or their agents.

DISCLAIMER:

Please forgive and mitigate any negative unintended, unforeseen and unknown consequences of this proposal and action.

COLOR: "Might is not right, its the other way around" USA Pres. 2013 "Right is Might" "A Nation that kills its children, is not long of this world" "The only real or credible defense against banned weapons is the mutual banning of them."

AUTHOR/S: by David Camelot and Patricia and natures hand Alta Canada Concerned global citizens at large.

REFERENCES: 2013 Sept. USA Senate vote. <http://www.sanders.senate.gov/newsroom/news/?id=9f515bc1-aad9-444b-ad61-32c5db5568e1> 2000 Rights of the child declaration UN, earth <http://www.un.org/cyberschoolbus/humanrights/resources/child.asp> 1990 international nonproliferation treaty, earth <http://www.un.org/disarmament/WMD/Nuclear/NPT.shtml> 1948 international Geneva convention, earth <http://www.icrc.org/eng/war-and-law/treaties-customary-law/geneva-conventions/index.jsp> 1920 international chemical weapons treaty, earth http://en.wikipedia.org/wiki/Chemical_weapons_in_the_Rif_War

ps : true the fact of child killing is only a probability based on 'reports' but 9 months ago it was perhaps 1/10000 till 4 months ago it became 1/1000 probably true and now in sept 2013 1/100. So what ? Do we have to wait till its done on our doorstep. And now with reports of banned weapon use, the kill rate goes from a 100/day to 1000/hour. So its not getting better.

STATIC ANTHROPOSPHERE

D 1. Ancient PHILOSOPHY, RELIGION, Synthesisism

EXCERPTS FROM THE OLD TESTAMENT

Book of Genesis:

1. "G O D blessed them and said unto them be fruitful and multiply, and replenish the Earth and subdue it."

Genesis 1: 28

2. "And G O D blessed Noah and his sons, and said unto them, be fruitful, and multiply and replenish the Earth"

Genesis 9

3. "And have dominion over the fish of the sea, and over the fowl of the air, and over every living thing that moveth upon the Earth."

Genesis 9: 1

Book of Job:

4. "G O D alone stretches out the skies and threads on the waves of the seas.

G O D made the Bear and Orion, the Pleiades's and every constellation.

G O D's wonders are past all reckoning, G O D's miracles beyond all counting."

Job 9: 8-10

5. "But ask now the beasts, and they shall teach thee; and the fowls of the air and they shall tell thee.

Or speak to the Earth, and it shall teach thee:

and the fishes of the sea, shall declare unto thee."

Job 12: 7-9

Book of Psalms:

6. "The heavens declare the glory of God; the firmament proclaims the work of G O D's hands.

Day talks it over with day;

night hands on the knowledge to night.

No speech, no words, no voice heard -

but the call goes on throughout the universe,

the message is felt to the ends of the earth."

Psalms 19: 2-5

7. "Guide me in Your Truth and Teach me, for You are G O D my Savior, and my hope is in you all day long."

Psalms 25: 5

8. "Bless the Lord, my soul! ...

How varied, O Lord, are your works!

In wisdom you have made them all -

the earth is full of your creatures."

Psalms 104: 1, 24

9. "This was the Lord's doing and we marvel at it.

This is a day the Lord has made;

so let us rejoice and be glad."

Psalms 118: 23-24

Words attributed to Noah and Abraham as written by Moses and as written by King David 1400 – 950 BCE,
Middle East

STATIC ANTHROPOSPHERE

Ancient Philosophy

THE GREAT HYMN OF ATEN

"Splendid you rise in Heaven's Lightland, O sole G O D beside whom there is none!"

by Pharaoh Amonhotep IV 1370 BCE Egypt

ABRIDGED PROSE 1500 BC/BCE

Natures Hand 10 Laws / Values Earth

1. We shall have no other God or Gods before G O D.
2. We shall maintain the purpose and meanings of the Laws / Values as Sacred and Necessary.
3. We shall not commit homicide except as in self defense.
4. We shall not steal things nor take the Name nor Glory of G O D in vain.
5. We shall not commit adultery nor sexually assault nor betray one and other.
6. We shall observe and keep the Sabbath as a Holy Day and a Day of Rest, Faith, Fasting, and Prayer and we shall regularly conserve water and eat a wholesome breakfast.
7. We shall be Honest and not give false or improper witness.
8. We shall Share with each other when able though not covet our Neighbors possessions even though at times of and in and or out of want and need.
9. We shall Honor, Love, and Obey, Our G O D, Spouse, Self, Father, Mother, and Grandparents, even though it is difficult at times.
10. We shall Love and have Compassion for one and other, as well as be as Guardians of the Sources and Contributors of and to Global Ecological and Ecozonal Health, Harmony and Symbiosis.
11. **Those found guilty or responsible for violating such Laws, can be confined for 6 months.**

800 BCE An Abridged Compilation from the Ten Commandments and the Numerous Aboriginal Codes of Ethics

Wednesday August 5, 2009 Canada By David E. Camelot

A Morning Prayer

Our Grand Shepherd...
Who art in the Heavens...
Hallowed be thy Name and Compassion.
Thy Kingdom is...
Thy Will it is...
On Earth and with the Stars of the Heavens.
Protect and nurture these green pastures...
And our Souls restored...
And provide us our daily Milk, Bread and Jams.
Yea thou we walk through the Valleys of the shadows,
We are not afraid,
For thy Sun and thy Moon and thy Song Birds, they Light our way.
And thine is the Righteousness,
And thine is the Glory,
And thine is the Grace,
Now and Ever more.
Amen

700 BCE An Abridged Compilation of the 23rd Psalm and The Lords Prayer

Written Saturday, June 8, 2009, Canada

The Buddha

The Buddha teaches of the Four Noble Truths: the truth of misery, the truth that misery originates within us from the craving for pleasure and for being or non-being, the truth that this craving can be eliminated, and the truth that this elimination is the result of a methodical way or path that must be followed. And teaches the Law of dependent origination, Wisdom and Compassion.

550 BCE Tibet and India

*9 "Blessed are the peacemakers,
for they will be called children of God." MATTHEW 5:9*

2001 Sept 911 Memorial 11th Anniversary



Red Deer Alta Canada 2012

By Nations Hand
© 1st 2012 CAN

City and Service Members Portrait, 11 Sept 2012

Composite Photos

TITLE: WAR AND EMERGENCY

I. SCOPE OF TITLE

#1. ?

II. DIVISION OF POWERS

1. INTERSTELLAR, INTERNATIONAL, FEDERAL, PROVINCIAL, MALE, FEMALE, MUTUAL POWERS IN GENERAL

(a) Executive Authority

#2. The Crown or Government, in Right of Earth and the Biomes has the same power as a private individual/s to take all necessary measures to deal effectively with an invasion or other emergency.

NOTE: (including flight, self-defense, fight or push back and non- interference, etc...)

(b) Legislative Authority

2. INTERSTELLAR/INTERNATIONAL/FEDERAL/PROVINCIAL/MALE/FEMALE/MUTUAL JURISDICTIONAL CONFLICT DURING EMERGENCIES (SUBJECT/S?)

Reference: THE CANADIAN ENCYCLOPEDIA DIGEST (WESTERN) 3rd Ed.

Vol 34, Title 148, pg. 148-23+ © 1611/1867/1982/1995 CANADA, EARTH

CONTACT SPORTS AND THE OLYMPICS

See Robert's Rules of Order
Scouting Manual
St. John Ambulance First Aide.

THE STATIC ANTHROPOSPHERE:

The City of Red Deer, Lacombe, Blackfalds, Sylvan Lake, Fort Normandeau, Sunny Brook Farms, etc..

WINTER

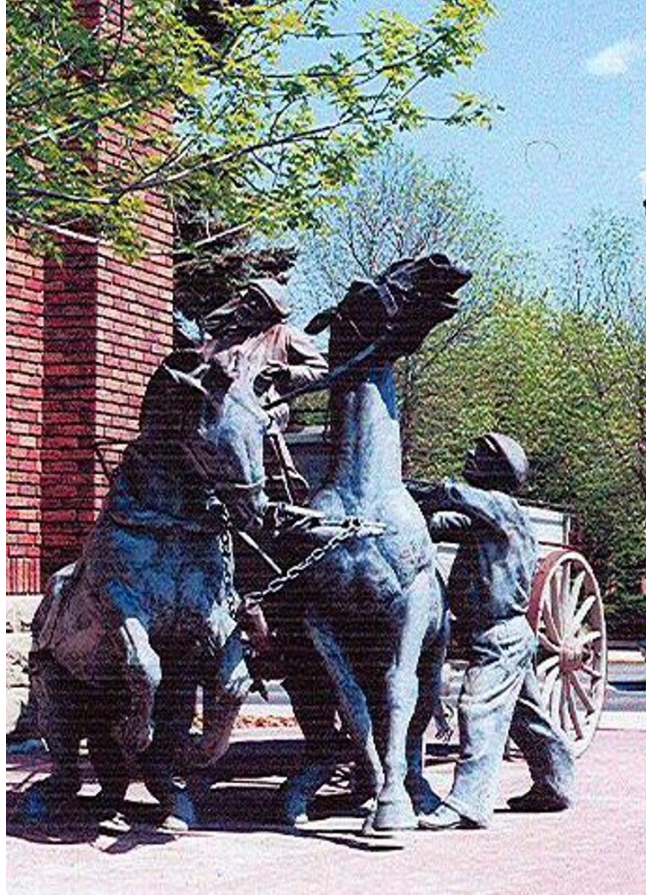




STATIC ANTHROPOSPHERE
Spring



STATIC ANTHROPOSHERE



STATIC ANTHROPOSPHERE
Summer



STATIC ANTHROPOSPHERE



STATIC ANTHROPOSPHERE



STATIC ANTHROPOSPHERE
Autumn



STATIC ANTHROPOSPHERE

RECENT HISTORY

Static Anthroposphere				Dyn Anthroposphere		
Year 1	B Phys S & Math & L.S.	Architecture	Electricity, Science, Tech, Internet	Governance, Politics, History, Law	Philosophy, Religion, Education, WWW	Community, Daily Life
Budget Port. \$	90/360	35/225	20/225	70/225	15/225	10/225
2011 AD/CE			- Apple founder Steve Jobs dies - Bill Gates foundation continues charity work. - D. Camelot invents sand gravity battery.	- Duke and Duchess of Cambridge wed . - At 7 billion humans, humanity has been somewhat over successful in terms of its living but humanity is not within the means, compatibility and biocapacity of the Earth and which can only realistically support and sustain about 5 billion humans at the current quality of life and standard of living and so, such as population reduction or rationing, may have to be a preoccupation of the days, years and road ahead.		
			- cell phs become ubiquitous including many household electronics in hand held device.	- Arab Spring begins. - Jack Layton 1940?-2011lo-2012d, NDP Wins official opposition Status of Canadian Gov. Hon. Mr. Layton Succumbs to illness, given State Funeral		
2012A D/CE Mar						
2012 AD/CE May						
2012 AD/CE July				- Syria civil war remains unresolved. 100,000 killed thus far and chem weapons used.		
2012 Sept				- Alberta's beloved Former Premier , E. Peter Lougheed passes away from natural causes (1928b-1978pr?-2012d) Alta holds its first State Funeral - Senate scandal plagues CA Gov..		
2013 Jan			- Japanese scientists invent plastic to oil machine.			
2013 June				- Prince George of Cambridge born in Britain to Will and Kath.		
2013 Sept / Oct			- 9 Oct Rogers software glitch knocks out ph and text mobile network for 10 million Canadians for 2 hours			

Bibliography Table ANTHROPOSPHERE/SYSTEM (Scientific References)

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2012/1991	The Metabolism of the Anthroposphere	P. Baccini & P.H. Brenner	The MIT Press © 1991/2012	London, United kingdom	978 0 262 01665 0
2012	Europa World Year Book 2012 & The World Almanac and Book of Facts 2012	? & Sr.Ed. S. Janssen	? & © Infobase Learning 2012	UK & NY, USA	? & # 978-1-60057-148-0
2011	The Illustrated Encyclopedia of Country Living	Abigail R. Gehring	(c) Skyhorsepublishing.com	USA	978-1-61608 467-7
2011 Ver. 1.1	Energy Storage, Making Intermittent Power Dispatchable	A.Reynolds M Sc P	Alta Inv Tech ©	Alta. CA	Ph: 780 450 5531
2007	A Brief History of the World	by Prof P.N. Stearns	By Teaching Company ©	VA. USA	
2006	Merriam - Webster's Visual Dictionary	By Merriam-Webster Inc.	© 2006 QA International,	USA ?	# 0-87779-051-5
2005	Egypt, Agriculture, Encyclopedia of African History, Vol. 1 (A-G), pages 415-416	by Salima- Ikram	Edited by Kevin Shillington, ©	Middle East ?	# 1-57958-245-1
1999	The International Encyclopedia of Science and Technology	Edited by S. Luck	(c) George Philip Ltd	UK and New York	# 0-19-521531-1
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1755 CE/AD	The Great Dictionary, The Johnson Dictionary	Samuel Johnston	Public Domain	England	PUBLIC DOMAIN
2000 - 100 BCE	The Greeks, Democracy, Phi,	THE GREEKS		GREECE	PUBLIC DOMAIN

BIOSPHERE

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THE LAWS OF NATURE

1. The Big Law: Complexity and order flow out of principles and laws. D. Camelot 2013
2. The Law of Gravity: What goes up usually comes down. Issac Newton 1770
3. The Law of Evolution: It is natures nature to evolve. D. Camelot 2013

BIOSPHERE



cstream.jpg



david_schindler1981.jpg



Dawn Balloon Rise.jpeg



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deersnowtrees.jpg



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discovery.jpg



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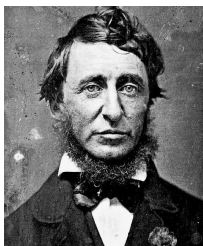
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BIOSPHERE

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2. 1500 The Green Bible NRSV 1500 AD/CE Green Letter Edition with Foreword by Desmond Tutu. Published by Harper One © 2008 HarperCollins Publishers USA ISBN # 978-0-06-1627996



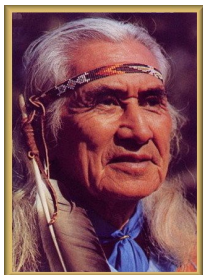
3. 1780 John James Audubon (1785-1851) USA nature and wildlife artist paints and **Henry David Thoreau**. (July 12, 1817– May 6, 1862) who was an American author, poet, naturalist, tax resister, development critic, surveyor, historian, philosopher, and leading transcendentalist. He is best known for his book *Walden*, a reflection upon simple living in natural surroundings, and his essay, *Civil Disobedience*, an argument for individual resistance to civil government in moral opposition to an unjust state.



4. 1900 Grey Owl (or Wa-sha-quon-asin, from the Ojibwe wenjiganoozhiinh, meaning "great horned owl" or "great grey owl") was the name Archibald Belaney (September 18, 1888 – April 13, 1938) adopted when he took on a First Nations identity as an adult. A British native, he became a writer and one of Canada's first conservationists. Revelation of his origins after his death adversely affected his reputation for some time. Since the 1970s and at the centennial of his birth, there has been renewed public appreciation for his conservation efforts. Recognition has included biographies, a historic plaque at his birthplace, a 1999 film by Richard Attenborough, and a 2005 TV special about him.



5. 1950 Rachel Louise Carson (May 27, 1907 – April 14, 1964) was an American marine biologist and nature writer whose writings are credited with advancing the global environmental movement. Carson started her career as a biologist in the U.S. Bureau of Fisheries, and became a full-time nature writer in the 1950s. Her widely praised 1951 bestseller *The Sea Around Us* won her financial security and recognition as a gifted writer. Her next book, *The Edge of the Sea*, and the republished version of her first book, *Under the Sea Wind*, were also bestsellers. Together, her sea trilogy explores the whole of ocean life, from the shores to the surface to the deep sea. Wrote *Silent Spring*.



6. 1960 Chief Dan George, OC (July 24, 1899–September 23, 1981) was a chief of the Tsleil-Waututh First Nation, also known as the Burrard Band, a band government of a group of Coast Salish whose Indian Reserves are located on Burrard Inlet in North Vancouver, British Columbia. He was also an actor and an author. During his acting career, George worked to promote better understanding by non-aboriginals of the First Nations people. His soliloquy, *Lament for Confederation*, an indictment of the appropriation of native territory by white colonialism, was performed at the city of Vancouver's celebration of the Canadian centennial in 1967. This speech is credited with escalating native political activism in Canada, as well as touching off widespread pro-native sentiment among non-natives.

7. 1990 David Suzuki, 1949 - ? Japanese/Canadian genetic trained scientist and long time host of CBC *Nature of Things* program and advocate for nature and good science.



8. 2000 Fr. Thomas Berry, C.P. (November 9, 1914 – June 1, 2009) was a Catholic priest of the Passionist order, cultural historian and ecotheologian (although cosmologist and geologist — or "Earth scholar" — were his preferred descriptors). Among advocates of deep ecology and "ecospirituality" he is famous for proposing that a deep understanding of the history and functioning of the evolving universe is a necessary inspiration and guide for our own effective functioning as individuals and as a species. He is considered a leader in the tradition of Teilhard de Chardin. He received his doctorate in [history](#) from [The Catholic University of America](#), with a thesis on [Giambattista Vico's philosophy](#) of history. He then studied [Chinese language](#) and [Chinese culture](#) in [China](#) and learned [Sanskrit](#) for the study of [India](#).

BIOSPHERE

Ecowriting *HARMONIOUS DIVERSITY* 11 Sept 2007 @ 12:16, by swanny

HARMONY

har·mo·ny (har'ma-ne)
n., pl. -nies.

1. Agreement in feeling or opinion; accord: live in harmony.
2. A pleasing combination of elements in a whole: color harmony; the order and harmony of the universe. See synonyms at proportion.
3. Music.
 1. The study of the structure, progression, and relation of chords.
 2. Simultaneous combination of notes in a chord.
 3. The structure of a work or passage as considered from the point of view of its chordal characteristics and relationships.
 4. A combination of sounds considered pleasing to the ear.
4. A collation of parallel passages, especially from the Gospels, with a commentary demonstrating their consonance and explaining their discrepancies.

[Middle English armonie, from Old French, from Latin harmonia, from Greek harmoniā, articulation, agreement, harmony, from harmos, joint.]



DIVERSITY

di·ver·si·ty (di-vur' si-te, di-)
n., pl. -ties.

1.
 1. The fact or quality of being diverse; difference.
 2. A point or respect in which things differ.
2. Variety or multiformity: "Charles Darwin saw in the diversity of species the principles of evolution that operated to generate the species: variation, competition and selection" (Scientific American).

March 25, 2007 Red Deer Saturday

Dear Editor of the Red Deer Advocate News Paper

This is just a follow up on a letter I wrote and you published on **crops and global warming**. I happened to come onto some info on the subject that may be of interest to your readers. Here is a short excerpt.

Crops feeling the heat

LIVERMORE, Calif. — Warming temperatures since 1981 have caused annual losses of roughly \$5 billion for the major cereal crops, a study has found.

From 1981-2002, fields of wheat, corn and barley throughout the world have produced a combined 40 million metric tons less per year because of increasing temperatures caused by human activities.

"There is clearly a negative response of global yields to increased temperatures," said David Lobell, a Lawrence Livermore National Laboratory researcher and lead author of the study that appears online March 16 in Environmental Research Letters. "Though the impacts are relatively small compared to the technological yield gains over the same period, the results demonstrate that negative impacts of climate trends on crop yields at the global scale are already occurring."

The importance of this study, the authors said, was that it demonstrates a clear and simple relationship at the global scale, with yields dropping by approximately 3-5 percent for a one-degree Fahrenheit increase. "A key moving forward is how well cropping systems can adapt to a warmer world," Lobell said. "Investments in this area could potentially save billions of dollars and millions of lives."

Founded in 1952, Lawrence Livermore National Laboratory has a mission to ensure national security and apply science and technology to the important issues of our time. Lawrence Livermore National Laboratory is managed by the University of California for the U.S. Department of Energy's National Nuclear Security Administration.

For the full article here is the link link = http://www.llnl.gov/pao/news/news_releases/2007/NR-07-03-08.html

My letter was published on Thursday Feb. 8, 2007 Thanks for your time. AGJ /David Camelot Red Deer

BIOSPHERE



Ecowriting LIFE SCIENCES: NATURE RIGHTS

Universal Declaration of the Rights of Mother Earth 2010

This Declaration was adopted by the World People's Conference on Climate Change and the Rights of Mother Earth, in Bolivia on April 27, 2010. The Bolivian government has submitted it to the United Nations for consideration.

Universal Declaration of the Rights of Mother Earth Preamble

We, the peoples and nations of Earth:

considering that we are all part of Mother Earth, an indivisible, living community of interrelated and interdependent beings with a common destiny;

gratefully acknowledging that Mother Earth is the source of life, nourishment and learning and provides everything we need to live well;

recognizing that the capitalist system and all forms of depredation, exploitation, abuse and contamination have caused great destruction, degradation and disruption of Mother Earth, putting life as we know it today at risk through phenomena such as climate change;

convinced that in an interdependent living community it is not possible to recognize the rights of only human beings without causing an imbalance within Mother Earth;

affirming that to guarantee human rights it is necessary to recognize and defend the rights of Mother Earth and all beings in her and that there are existing cultures, practices and laws that do so;

conscious of the urgency of taking decisive, collective action to transform structures and systems that cause climate change and other threats to Mother Earth;

proclaim this Universal Declaration of the Rights of Mother Earth, and call on the General Assembly of the United Nation to adopt it, as a common standard of achievement for all peoples and all nations of the world, and to the end that every individual and institution takes responsibility for promoting through teaching, education, and consciousness raising, respect for the rights recognized in this Declaration and ensure through prompt and progressive measures and mechanisms, national and international, their universal and effective recognition and observance among all peoples and States in the world.

Article 1. Mother Earth

(1) Mother Earth is a living being.

(2) Mother Earth is a unique, indivisible, self-regulating community of interrelated beings that sustains, contains and reproduces all beings.

(3) Each being is defined by its relationships as an integral part of Mother Earth.

(4) The inherent rights of Mother Earth are inalienable in that they arise from the same source as existence.

(5) Mother Earth and all beings are entitled to all the inherent rights recognized in this Declaration without distinction of any kind, such as may be made between organic and inorganic beings, species, origin, use to human beings, or any other status.

(6) Just as human beings have human rights, all other beings also have rights which are specific to their species or kind and appropriate for their role and function within the communities within which they exist.

(7) The rights of each being are limited by the rights of other beings and any conflict between their rights must be resolved in a way that maintains the integrity, balance and health of Mother Earth.

Article 2. Inherent Rights of Mother Earth

(1) Mother Earth and all beings of which she is composed have the following inherent rights:

(a) the right to life and to exist; (b) the right to be respected;

(c) the right to regenerate its bio-capacity and to continue its vital cycles and processes free from human disruptions

BIOSPHERE

Ecowriting

- (d) the right to maintain its identity and integrity as a distinct, self-regulating and interrelated being;
- (e) the right to water as a source of life;
- (f) the right to clean air;
- (g) the right to integral health;
- (h) the right to be free from contamination, pollution and toxic or radioactive waste;
- (i) the right to not have its genetic structure modified or disrupted in a manner that threatens its integrity or vital and healthy functioning;
- (j) the right to full and prompt restoration the violation of the rights recognized in this Declaration caused by human activities;
- (2) Each being has the right to a place and to play its role in Mother Earth for her harmonious functioning.
- (3) Every being has the right to well-being and to live free from torture or cruel treatment by human beings.

Article 3. Obligations of human beings to Mother Earth

- (1) Every human being is responsible for respecting and living in harmony with Mother Earth.
- (2) Human beings, all States, and all public and private institutions must:
 - (a) act in accordance with the rights and obligations recognized in this Declaration;
 - (b) recognize and promote the full implementation and enforcement of the rights and obligations recognized in this Declaration;
 - (c) promote and participate in learning, analysis, interpretation and communication about how to live in harmony with Mother Earth in accordance with this Declaration;
 - (d) ensure that the pursuit of human well-being contributes to the well-being of Mother Earth, now and in the future;
 - (e) establish and apply effective norms and laws for the defense, protection and conservation of the rights of Mother Earth;
 - (f) respect, protect, conserve and where necessary, restore the integrity, of the vital ecological cycles, processes and balances of Mother Earth;
 - (g) guarantee that the damages caused by human violations of the inherent rights recognized in this Declaration are rectified and that those responsible are held accountable for restoring the integrity and health of Mother Earth;
 - (h) empower human beings and institutions to defend the rights of Mother Earth and of all beings;
 - (i) establish precautionary and restrictive measures to prevent human activities from causing species extinction, the destruction of ecosystems or the disruption of ecological cycles;
 - (j) guarantee peace and eliminate nuclear, chemical and biological weapons;
 - (k) promote and support practices of respect for Mother Earth and all beings, in accordance with their own cultures, traditions and customs;
 - (l) promote economic systems that are in harmony with Mother Earth and in accordance with the rights recognized in this Declaration.

Article 4. Definitions

- (1) The term “being” includes ecosystems, natural communities, species and all other natural entities which exist as part of Mother Earth.
- (2) Nothing in this Declaration restricts the recognition of other inherent rights of all beings or specified beings.

ECODECLARATION 2008

***The Spirit & Soul of kanata & the Dominion
Does Thus Bring Forth This:
"The 'Natures Hand' Ecodeclaration of Values, 2011"
"Hey, CANADA, Our Home & Native Land"***

The Preamble :

" Whereas UNDER G O D, by rule of law, in responsible democracy, by Our Countries Charter and this Constitution....:

We find, understand and do hereby assert, that caring for oneself and or for others, is knowing and meeting Our reasonable, mutual, and natural wants, needs, rights, values and health, in a legal, sustainable, responsible, just and environmentally friendly way, We then, here and now, of & in these Lands, Skies, Waters, Plants, Life Forms and Citizens, of this Good & Honorable Company, Country & Nation of and on Earth, solemnly, gather ourselves together, in this, the 2nd Millennium, and in good Intent & Desire, do form, harmonize. declare & bring about this better relationship & understanding between & amongst ourselves, our Fellow Citizens and Our National Environment. Thus, we do Enact this Act & Testimony, asserting, pledging and keeping the following:

The Pledges :

- I. That Under G O D, we uphold and Reaffirm, Our Nations Charter and Constitution, Our Natural Rights and the Necessaries of Life.
- II. That we will & are establishing Strong & Binding Environmental Justice Measures.
- III. That we will & do ensure Proper & Adequate Environmental Tranquility.
- IV. That we will & do provide for & enforce Environmental Defense, Protection & Conservation.
- V. That we will & do promote the general Welfare, Well Being & Health of Our Nations' Environment, Air, Waters & Life forms.
- VI. That we will endeavor to evolve responsibly and be a source of Global and Local Ecological and Ecozonal Health.
- VII. & that we will, are & will continue to secure the Blessings, Benefits & Fruits of Responsible Government & Environmental Stewardship to & for our Lands, Ourselves, in keeping with our Past and towards our Present & Future Prosperity & possibly, if permitted & or requested, further to some degree or other, to & for the Earth as a whole.
- IX. & We do such and this voluntarily, freely and willingly, but violators may be sanctioned.
- X. & in Conclusion we will and do abide and leave the Earth as we found it or improved as we may afford, know and understand.

All of these things then, we do now thus declare, ordain & establish by & from this Act & Testimony, and give this, now named & to be forth with known as "The Natures Hand Ecodeclaration of Values, 2008", its true & proper effect and force of such as this, that is born, arisen & made for & to the purpose, use & benefit of & for all Citizens now & evermore for this our Place and Lands, that is this Company in the Country & Nation on this planet called & known as Earth. "

The Heart :

For, by & with the EARTH, the Elder then, We of this Nation, then & thus do hold and keep the Truths & Laws of Nature and do by these, reap & harvest the following as the beneficial, near, dear & defensible fruits, truths and blessings of such :

BIOSPHERE UNIVERSE PORTION

Ecowriting

We thus do hold & cherish thee, oh Unfathomable Universe, thee oh Glorious Milky Way Galaxy, thee the Twinkling Stars in our Most High Heavens, thee the Steadfast & Bright North Star, thee the Wondrous Solar System and its Majestic Planets i.e. the Womanly Venus, the Manly Mars, etc. thee the Yellow & Radiant Sun/Sol of this Blue , Natural & Living Earth/Gaia,

THE SEVEN CONTINENTS PORTION

the Icy Arctic, Warm Pacific & Cool Atlantic Oceans, the Global Geo sphere, The Miraculous Hydrosphere, the Complex Carbon Cycle, the Infinite Biosphere, the Delicate and Fragile Atmosphere, the Cold North & Frigid South Poles, the Rolling Tides, the Far East, the Cleansing Ozone Layer, the Deep South, the Wild West & the True North, the Colorful Four Seasons, the Healing Rains, the Thunderous Thunder & Jagged Lightening, the Moon.

The Body :

OUR NATIONS SONS PORTION

The Ten Wondrous Biomes, the Aura Borealis, the Rugged Canadian Shield, the Royal Rocky Mountains, the Life Giving Great Lakes, the Mighty Peace River, the Great Hudson's Bay, the Noble First Nations Peoples, the Glowing Campfires, the Mysterious Medicine Wheels, the Nimble Canoe, the Vast Tundra, the Joyful Inuit, the Thick Permafrost, the Unearthly Hoodoos and the Bad Lands, the Stoic Polar Bear, the Enduring Bison, the Mighty Moose, the Scented Pines, the Tall Spruces, the Stately Oaks, the Fiery Maples, the Oily Birch trees, the Common Popular trees, the Spicy Junipers, the Towering Red Woods, the Graceful Trumpeter Swans, the Silky Mink, the Industrious Beaver, the Dexterous Lynx, the Cunning Fox, the Sociable Wolves, the Proud Mountain Lion, the Lonely Loons, the Spirited Wild Horses, the Unpredictable Grizzly Bear, the Solitary Raven, the Comical Black Bear, the Humble Porcupine and Muskrat, the Alaskan King Crab, the Populous Shrimps, the Kindred Killer Whales, the Monstrous Blue Whales, the Soaring Eagles, the Dancing Hawks, the Cooing Doves, the Cheerful Robins, the Faithful Canada Goose, the Varied Ducks, the Playful Gophers, Chipmunks & Squirrels, the Spring Fed Rainbow Trout, the Sardines, the Jack Fish, the White Fish, Perch, the Salmon, Tuna Fish, the Cod Fisheries, the Mountain Goats, the Big Horn Sheep, the Ingenious Tipi, the Sagely Owl, the Peace Pipe of the Nations, the Heavenly Jasper National Park, the Stately Banff National Park, the Windy Waterton National Park, the Spectacular Vancouver Island, the Steaming Banff, Radium and Nakusp Hot Springs, the Human Alphabet, Natural Numbers, the Métis, the Ten Commandments 3000 BC, the Wheel, the Lliad 800BC, the Hippocratic Oath 400 BC, King Alfred the Great 887, Papyrus, Pens, Pencils, Paper, the Legend of Camelot, the Sword, the Crossbow, Johannes Gutenberg 1450, Christopher Columbus 1492, the Reformation Martin Luther 1500, Copernicus 1500, the Bible, Leonardo da Vinci 1505, Michelangelo 1560, the Renaissance 1600, Galileo 1600, Tarzan of the Jungle, Whole Grain Breads, Brown Sugar, Coffee & Green Tea, Castles, good loamy soil, Ottawa, the Parliament Buildings, First Nations Reservations 1870, the Provinces, the Territories, Quebec City, Montreal, The Geneva Convention 1948, Fresh, clean and healthy drinking Water, Multiculturalism, the Charter of Rights and Freedoms 1982, The Canadian Constitution 1867,

BIOSPHERE

Ecowriting

the Venerable St. Lawrence Seaway, Wisdom, Knowledge, Education, Dictionaries, Aspirin, Arithmetic, Gravity, Phi the Golden Ratio, the Ruler, Cherry Trees, Apple Trees, Plum Trees, Peach Trees, Grape Vines, Vegetable gardens, the Royal Tyrrell Museum, Lobster, Oysters, Beef Cattle, Hogs, Grain fields, Oat Fields, Flax seeds, Olives, Jams & Jellies, the Canadian Weather Network, The Wild Rose, Alpine Flowers, Tulips, Carnations, Lilacs, Lilies of the Valley, Ferns, Lichens, Mushrooms, Oregano, Garlic, Ginger, Fungus, Moss, Rose hips, Dandelions, Flowers, Blossoms, the Lever, the Hammer, the Mace, the Plow, Lord of the Rings, Carlos Castaneda 1980, Aqueducts, Plumbing, the Spinning Wheel, fine China & Crystal, Pewter, Wine and Beer, hops, Earth Worms, the Seed Houses, History, Libraries, Pastors, Incense, Love is a Verb, Candles, Prayer, Soap, Toilet Paper, The Bahá'í, Meditation, Marriage, Cemeteries, Silver, Gold, Bronze, Precious stones & gems, Bees, Owls, the Song Birds, Nails, Screws, Bolts, Tools, the Blue Nose, Sail boats, the Anchor, Matches, the Slide Rule, the Oven, the Stove, the Cooler, Standard Measuring Units, Food Storage & Canning, Pots & Pans, the Wallet & Purse, the Pocket Watch, Photovoltaic technology, Photographs, Phonographs, Land Telephones, the Taxonomic System, the Elements Table, Canada Post, Wind Power, Hydroelectric Power, Chickens & Roosters and Eggs, & Geo-Gardening.

OUR NATIONS DAUGHTERS PORTION

We cherish as well thee, Elizabeth the II, Grandparents, Mothers, Fathers, Men, Women, Children, Teens, Babies, Families, Family Values, Our Pets, the Red Cross, Passports, Doctors Without Borders, St. Johns Ambulance, Health Care, Adelle Davis 1970 Whole Food Cooking, Cutlery, Dishes, the Market Place, the Flash Light, First Aid Kit, CPR, Healthy Hearts, Naturopathy, the Thermometer, the Stethoscope, the Blood Pressure Monitor, Probiotics, Herbal Medicine, Budgets, Natural Capitalism Paul Hawkins, the Bank of CANADA, Green Banking, Canadian Savings Bonds, Food Banks, Batteries, Lock & Keys, Organic Architecture, Architect Douglas Cardinal, Log Homes, the Fire Extinguisher, the Smoke Alarm, the Fireplace, Lake Cottages, Avalon Homes, Efficient Light Bulbs, Smart Cars, Toyota Cars, Jeeps, Bookmobiles, Ecological Economics', House Plants, the Boy Scouts and Girl Guides, Yoga and Tai Chi, Salt, Copper, Sponge, Ocean Arks Waste Treatment, Rainbows, Black Smithing, Steel, Cotton, Wool, Linen, Silk, Hemp, Burlap, Leather, Rubber, Cork, Brass, Diamonds, the Jack All, the Crowbar, the Downtown Edmonton Public Library, the Red Deer College Library, Athabasca Distance University, Chocolate, The Great Seal of CANADA, the Canadian Museum of Civilization Ottawa, The Governor General, Bilingualism, Adrienne Clarkson, Roland Michener, Lester B. Pearson, the RCMP, The RCMP Musical Ride, 1969 GMC Vans, John Deere Farm Equipment, The Supreme Court of Canada, Standard Time 1888, Grandfather Clocks, the National Ballet, the Swan Lake Ballet, Simple Standards, the Winspear Center, Ice Hockey, Beach Volleyball, Cross Country Skiing, The United Nations 1950, Turnips, the GAIA Trust 1995, the Junior Forest Wardens, Katimavik, Green Alberta Database, Friendship, Summer Camps, the Global Ecovillage Network 2002, the Muttart Conservatory, Whole System Management, Biocapacity, Clean Technology, Fondue, Red Wines, Butter, Creme, Yogurt, Maple Syrup, Oranges, Bananas, Pasta, Celery, Potatoes, Pizza, Tomatoes, Ecotheology,

BIOSPHERE

Ecowriting

Green Houses, the Stratford Festival, Apricot Brandy, Port and Sherry, the Late Pm Pierre Elliot Trudeau, Pheasants, Game Parks, Public Transit, the Railways, STARS Air Ambulance, The Snow Birds Air Troop, Coffees and Teas, Gold Smithing, Stained Glass Making, Glass works, our Grand Artists, i.e. The Group of Seven, Bill Reid 1980, Buffy Sainte-Marie, Emily Carr, Lorne Greene, Leonard Cohen, Stan Rogers, Ian Tyson Four Strong Winds, Bruce Cockburn, Gordon Lightfoot, Billie Keith Hughes, Robert Frost, Joni Mitchell, Karin Cain, John Lennon Imagine, Mani, the YES Band, the Rankin Family We Rise Again, Hemmingway Corner, Peter Gzwoski, Liona Boyd, the Great White North, The CBC, the Nature of Things, Our Symphony Orchestras, Bach, Beethoven, Mozart, Handel, Vivaldi, Christos Hatzis, Rabbits, Turtles, Ice Caps, Glaciers, Butterflies, Jesus of Nazareth 30 AD , the Buddha, Vitamins, Essential Enzymes, Tobacco, Lemons, Vinegar, Cheese, Honey, Herbs, Spices, Pepper, Strawberries, Rice, Sugars, Fruit Juices, Milk, Mountain Lakes, the Rivers And Valleys, Waterfalls, Otters, the Raccoons, Apple Computers, the Internet, Google Earth, The Canadian Space Agency 1992, the International Space Station 2000, the New Millennium, Humming Birds, Canadian National Anthem, Democracy, Mutualism, the Canadian Peace Keepers and Military, The Wonderful Canadian Mosaic. The G 24 Nations which are the G 20 Nations and the Four Directions Tribes and Geogardening. The Rose, Lilies, the Chronicles of Narnia...

Global Ordering

3 Life Domains
4 Kingdoms
30 to 50 million Life Species
7 Billion Humans (Homo Sapiens Sapiens)
26 Last Name Human Houses of 270 Million humans each of 1 Earth
of 200 or so Nations
of 24 time zones
of 15 or so Major Biomes
of 7 Major Continents
of 7 Major Seas
of 1 Solar System
of 200 or so Major Elements
of 4/9th Male
of 4/9th Female
of 1/9th Other

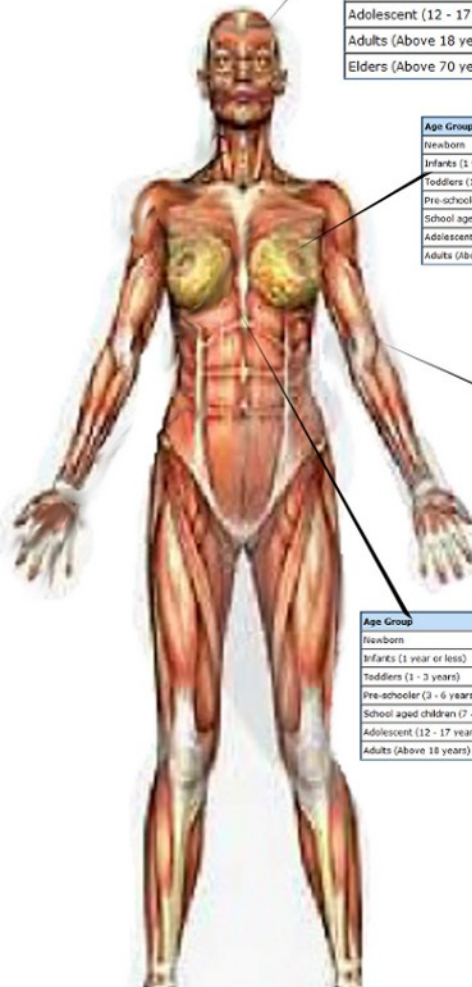
We The Undersigned

ISBN # 978-0-9868342-9-5,

Edited by David E. Camelot, Born 1956,

© May 31, 2012, Morning, Spring, Red Deer, Alberta, Canada, Earth

Human Health and Vital Signs 2012



Age Group	Temperature (in ° Fahrenheit)
Newborn	97.7° F - 99.5° F
Infants (1 year or less)	97.0° F - 99.0° F
Toddlers (1 - 3 years)	97.5° F - 98.6° F
Pre-schooler (3 - 6 years)	97.5° F - 98.6° F
School aged children (7 - 12 years)	97.5° F - 98.6° F
Adolescent (12 - 17 years)	97.5° F - 98.6° F
Adults (Above 18 years)	97.6° F - 99 ° F
Elders (Above 70 years)	96.8° F - 97.5° F

Age Group	Normal Pulse Rate (in beats per minute)	Average Pulse Rate (in beats per minute)
Newborn	100 - 170	140
Infants (1 year or less)	80 - 170	120
Toddlers (1 - 3 years)	80 - 130	110
Pre-schooler (3 - 6 years)	75 - 120	100
School aged children (7 - 12 years)	70 - 110	90
Adolescent (12 - 17 years)	60 - 90	75
Adults (Above 18 years)	60 - 110	80

Age Group	Systolic	Diastolic	Average
Newborn	65 - 95	30 - 60	80 - 60
Infants (1 year or less)	65 - 115	42 - 80	90 - 61
Toddlers (1 - 3 years)	76 - 122	46 - 84	99 - 65
Pre-schooler (3 - 6 years)	85 - 115	48 - 64	100 - 56
School aged children (6 - 12 years)	93 - 125	46 - 68	109 - 58
Adolescent (12 - 17 years)	99 - 137	51 - 71	118 - 61
Adults (Above 18 years)	100 - 140	60 - 90	120 - 80

Age Group	Normal Respiratory Rate (in breaths per minute)	Average Respiratory Rate (in breaths per minute)
Newborn	20 - 50	40
Infants (1 year or less)	20 - 40	30
Toddlers (1 - 3 years)	20 - 30	25
Pre-schooler (3 - 6 years)	16 - 22	19
School aged children (7 - 12 years)	14 - 20	17
Adolescent (12 - 17 years)	12 - 20	16
Adults (Above 18 years)	12 - 20	18

Notes: Children around 2 years old may need additional iron (though too much, is toxic) as cows milk does not contain iron, as human mothers milk does and both milks contain nutrients not found in other food sources and thus prevent starvation.

As well it is good to supplement Vitamin D and B12 sources in diet and take 1 aspirin per day for heart health. And regularly monitor and record your heart and blood pressure rates.

Also be aware of the benefits and good medicine of good food, rest and bathing and perhaps those in Northern climes utilize a SAD lamp to offset the downward mood swings brought on by diminished light in winter and by the aging process. Stem cell science offers promise for organ replacement & DNA regeneration ie: MS treatment

BIOSPHERE **Medicine**
Bibliography Table (General Health References)

Year	TITLE	Author	Publisher	Place	ISBN #
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2009	How The Body Works	Ed by Dr. P. Abrahams	Amber books © 2009	UK	#978 1 905704 56 9
2008	The Canadian Encyclopedia of Natural Medicine	Sherry Torkos, Bsc Phm	© S. Torkos 2008	Canada	# 978 0 470 83908 9
2007	Mayo Clinic Book of Alternative Medicine	Brent Bauer MD	© Time Inc 2007	NY USA	# 978 1 933405 92 6
2006/07	Iron Study, Toronto Hospital for Sick Kids	?	T Hos for Sick Kids	Toronto Ont. CA	Internet/Media
2002	Canadian Medical Association Complete Book of Mother and Baby Care	Catherine Younger Lewis MD MJ	© 2002 Dorling Kindersley Ltd	CAN ADA	# 1 55363 014 9
1996	First On The Scene, guide of first aid and CPR	St John Ambulance	© St John Ambulance 1996	Ottawa, Canada	# 0 929006 89 5
1996	Readers Digest: Guide to Medical Cures & Treatments	Editor G. Visalli & A. Byers	© 1996 Readers Digest Association Inc	CANADA	#0 88850 518 3
1995	Alternative Medicine: The Definitive Guide	James Strohecker	© 1995 Burton Goldberg	Washington USA	# 0 9636334 3 0
1992	The Natural Pharmacy	Miriam Polunin & Christopher Robbins	© Rain Coast Books 1992	BC CANADA	#0 920417 02 7
1964/72	First Aid	St. Johns Ambulance	Prior of Canada © 1964	Canada	8 th edition
1858	Gray's Anatomy	Henry Gray F.R.S.	John W. Parker and Son	London, Britain	ISBN# 0 86288 5744
1600	Anatomy and Physiology	A. Vesalius and W. Harvey			
1500	Anatomy and Dissection	Leonardo da Vinci		Europe	Public Domain
131 CE/AD	Advances in Physiology	Claudius Galen		Greece	
29 CE/AD	Troubled Conditions	Teacher Jesus Christ	The Disciples and Holy Bible	Middle East	Dead Sea Scrolls and Various
460 BCE	Study of physiology and father of medicine	Hippocrates		Greece	

BIOSPHERE

FOOD AND AGRICUTURE



1. **Sidney Loeb and Srinivasa Sourirajan.** The UCLA scientists demonstrated seawater purification through reverse osmosis in 1949. The duo also invented reverse osmosis desalination at UCLA in the 1940s. Although reverse osmosis plants have to date primarily been built in Israel and the Middle East, expect to see more of them in Australia, South Africa, the Southwest and other dry and arid areas. One of the big complaints about reverse osmosis -- the high energy demands of the process -- are [being ameliorated by companies like Energy Recovery](#). Statkraft in Norway has begun to experiment with techniques for using [osmosis membranes for generating power at the seashore](#).



2. **Simcha Blass.** At a farmer's request, Blass investigated why a tree grew in dry soil. The cause: a broken pipe. The experience prodded him to invent drip irrigation. The industry of water conservation, slowly but surely, had begun.



3. **Norman Borlaug.** The most controversial choice on the list. The plant scientist pioneered the techniques for breeding drought-resistant wheat and other crops. Mexico, India and other countries managed to become self-sufficient through the findings of his research, which has also been credited with helping to avert mass starvation and riots. Critics argue that the so-called green revolution in agriculture led to excessive use of nitrogen-based fertilizer and overpopulation. Many are trying to solve the fertilizer problem with biopesticides. Overpopulation? Borlaug argued that it was more likely caused by social forces rather than food supplies. [VCs have recently begun to turn their attention to agriculture](#).

	4. ISSAC: Nasa , International Space Station Agriculture imaging camera

BIOSPHERE

FOOD AND AGRICUTURE



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48044_146.jpg



0616091412_M_who...



apple.jpg



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Blue_Pears_a.jpg



blueberries3.jpg



blueberries.jpg



Bountiful Harvest.jpg



breadport.jpg



canola.jpg



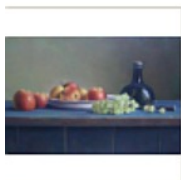
Cheese_Assortment.jpg



chocolate-covered-str...



coffeeheartcupblue.jpg



druiven.jpg



eggless-sesame-oats-...



food1.jpg



foodsandwater.jpg



fruit diet.jpg



Fruit_basket.jpg



fruityogurt.jpg



grapes-in-the-sun.jpg



Honeybread.jpg



image008.jpg



koperen ketel met



KW 100.jpg



Manaos Grape a.jpg



med dining view.jpg



onions.jpg

BIOSPHERE

Food and AG

Land Area and Food Subsistence Levels for Humanity 2012

Humans need to eat in order to maintain nutrient and energy levels for proper body metabolism and functions and to work, play and live on a daily basis.

Circa 10,000 BCE. The average human was said to require 4 hours a day in foraging, in an area of 2 sq. Miles to meet daily requirements.

Circa 2012 CE. Stats suggest the average human requires about 7 hours a day of labor, in an area of 0.76 sq Miles to meet average daily requirements.

See Data Below:

Item	Quality	Area Sq Miles	Comment
1.	Total Area of the Earth	196,940,000 sq. miles	Total Land and water sq miles of the Earth.
2.	Total Water Area	139,434,000 sq. miles	Total Water Sq miles area of Earth
3.	Total Land Area	57,506,000 sq. miles	Total Land Sq. Miles area of Earth
4.	Total Arable Land Area of Earth (2008 FAO UN)	5,330,199 sq. miles	Total food producing land for humanity
5.	Total Human Population (2012)	7,000,000 Billion Humans	Number of people on the Earth in year 2012
6.	Difference in Land area and times required.	2sq miles (10,000 BCE) to 0.76 sq. miles (2012 CE)	Increase in efficiency of amount of land required but requires more time to effect. 7 hrs per day (2012 CE) 4 hours per day (10,000 BCE)
7.	Arable Land Info		Reports suggest that no new arable lands have been added globally since about 1970 and increases in food production has been a result of increase in crop yields.

***** NOTE: It is said that 1 farmer used to feed 12 people circa 1940s, with the Agricultural Revolution and the use of fertilizers and pesticides 1 farmer is said now to be able to feed about 100 people equal to about a ten fold increase but said increase in yield is said to take a 50 fold increase in energy needs contained in the fertilizers thus the real increase in yield has only been about 1 farmer now feeding about 30 people if all factors considered in terms of physics.**

Sources/References

Red Deer College Library AB CA, 2012
FAO United Nations 2008
Various Media Reports, 1998 - 2012

8 march 2012 Thursday
by natures hand company Alta
mr David E. Camelot rd ab ca na earth

BIOSPHERE



Agriculture and Food Science References

YEAR	SUBJECT	AUTHOR	PUBLISHER	PLACE	ISBN
2012	JL Hudson Seeds	Wwww.jlhudsonseeds.net		Cal., USA	
2011	The Illustrated Encyclopedia of Country Living	By Abigail R. Gehring	(c) Skyhorsepublishing.com	USA	978-1-61608 467-7 ppk
2010	Putting Food By	By J. Greene, R. Hertzberg & B. Vaughan	Penguin Group © 2010	USA/UK	978 0 452 24622 0
2001	Edible Plants	By P. Forey & C. Fitzsimons	Gramerly Books © 2001	UK	0517662175
2000	Plants of the Rockies	L. Kershaw	Lone Pine Pub © 2000	CA/USA	1551057296
1997	Ultimate Chocolate	P. Lousada	DK Pub © 1997	UK	088850599x
1996	Vegetarian Cookbook	Murdoch Group	Whitecap Books ©	CA	155110752x

BIOSPHERE

ECOACTIVISTS

0. 1930, Solheimar ecovillage, worlds of the sun. An ecovillage in SW Iceland of about 100 people with Christian values and inspired by Rudolf Steiners theory of anthroposophy. Founded by Sesselja Sigmundsdottir (1902-1974)

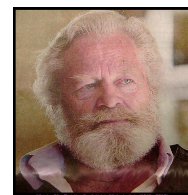


1. 1962 The Findhorn Ecovillage The Findhorn Foundation is a Scottish charitable trust registered in 1972, formed by the spiritual community at the Findhorn Ecovillage, one of the largest of the communes in Britain [1], has been home to thousands of residents from more than 40 countries . Starting as commune in 1962, from a caravan park, and founded by Eileen Caddy, Peter Caddy and Dorothy Maclean, the Findhorn Foundation and surrounding Findhorn Ecovillage community at The Park, Findhorn, a village in Moray, Scotland, and at Cluny Hill College in Forres, is a home to more than 400 people. The community has no formal doctrine or creed. There are approximately 3000 residential participants from around the world taking part in programmes each year.

2. 1968 Jane Goodall Dame Valerie Jane Morris Goodall, DBE (born 3 April 1934), is a British primatologist, ethologist, anthropologist, and UN Messenger of Peace. She is well-known for her 45-year study of chimpanzee social and family interactions in Gombe Stream National Park, Tanzania, and for founding the Jane Goodall Institute. She obtained a [Ph.D](#) degree in [Ethology](#) in 1965 from [Cambridge University](#). She is one of only nine people to receive a Ph.D without first obtaining a [BA](#) or [B.Sc.](#) Her Thesis Advisor was [Robert Hinde](#). Goodall was set on the path of chimpanzee study by [Louis Leakey](#). She became the first of "[Leakey's Angels](#)" when she began her first field study of [chimpanzee](#) culture in the [Gombe Stream National Park](#) in Tanzania.



3. 1970 James Lovelock, CH, CBE, FRS (born 26 July 1919) is an independent scientist, environmentalist and futurologist who lives in Devon, England. He is best known for proposing the Gaia hypothesis, which postulates that the biosphere is a self-regulating entity with the capacity to keep our planet healthy by controlling the chemical and physical environment. First formulated by Lovelock during the 1960s as a result of work for [NASA](#) concerned with detecting life on [Mars](#), the Gaia hypothesis proposes that living and non-living parts of the earth form a [complex interacting system](#) that can be thought of as a single [organism](#). Named after the [Greek goddess Gaia](#) at the suggestion of novelist [William Golding](#), the hypothesis postulates that the [biosphere](#) has a regulatory effect on the Earth's environment that acts to sustain life



4. 1980 Pastor Wiebo Ludwig (1941-2012): Alberta Christian Eco-Activist passes away for health reasons at Trickle Creek Farms near Hythe, AB Anti- Oil Patch Crusader.



5. 2000 The Gaia Trust J.T. Ross Jackson was born in Canada in 1938, and came to Denmark and met his wife Hildaur, in 1964 immediately after completing his PhD. studies in Operations Research at Case Western University, USA. Operations Research is a branch of economics that focuses on problem solving in the broadest sense. Gaia Trust is a Danish charitable entity founded in 1987 with the objective of promoting a global consciousness that experiences the whole planet as a living organism and Mankind as part of that whole. One of Gaia Trusts main activities over the past years has been supporting the growing network of ecovillages across the globe, and helping create The Global Ecovillage Network (GEN). Besides his continuing role as chair of Gaia Trust and member of the International Advisory Council for the Global Ecovillage Network, he is the major shareholder in Scandinavia's leading organic foods wholesaler (Urtekram) and recently purchased a second Danish quality food products firm, Nutana. He hopes to merge the two soon. Ross is also a board member of the recently formed Gaia Education project, which has developed a UNITAR- approved 4-week education in Ecovillage Design, now been offered at ecovillages around the world.



6. 2005 James E. Hansen (born March 29, 1941) heads the NASA Goddard Institute for Space Studies in New York City, a part of the Goddard Space Flight Center in Greenbelt, Maryland. He has held this position since 1981. He is also an adjunct professor in the Department of Earth and Environmental Sciences at Columbia University and scientist concerned with climate and Earth.

BIOSPHERE

ANIMALS



beetle-icon.jpg



birds.jpg



brownbutterfly.jpg



buffalo.jpg



buffalofence.jpg



butterfly15.jpg



butterflyflower.jpg



butterflyZ.jpg



chimpanzee.jpg



chiton-lined120.jpg



chordates.gif



circle of life.jpg



cocker_spaniel.jpg



coharmony.jpg



cowpeople.jpg



cute.jpg



deerrabbit1.jpg



deerrabbit2.jpg



deerrabbit3.jpg



deerrabbit4.jpg



deerrabbit5.jpg



deerrabbit6.jpg



deerrabbit.jpg



Desert tortoise.jpg



dimetrodonsmall.gif



dimetrodonsmall.jpg



donkey.jpg



eloquo-bfly2.gif



Eyes of the Tiger.jpg



fantasylovers.jpg

BIOSPHERE

GREEN AUSTERITY MEASURES Rev, July 2012, Earth

The possible or probable austerity and green measures and or laws necessary for planetary coexistence, biocapacity and symbiosis are the phasing in of:

- a 10% carbon tax
- \$3.00 per liter gas and a 25% royalty to Gov for research and implementation
- 10% of the seats in the House of Commons for the environment
- a global cap on population at 7 billion people + or - 250 million
- a global cap on automobiles at 800 million + or - 25 million
- posting of green bonds of \$10 billion for potentiality environ damage projects,
- climate instability insurance policies,
- ban of autos for those under age of 35,
- Subsidies and tax breaks to renewable energies and public transportation
- Tax breaks to green companies
- LEED and ISO 9000 & 14000 Standards
- Fines and imprisonment and restorative justice consequences for ecocrimes and torts
- Green Certification of Products and Services
- Bicycles and walking
- Green Buildings and houses and nanolights
- Eco-villages and Eco-cities and Urban Farms
- Urban Gardens
- Solar Greenhouses
- Freeze Corporate Taxes
- Have more Earth Hour Days
- Passage of Bill C- 311 on Climate Change, Canada
- Passage of Bill C- 469 on Environmental Rights, Canada
- Regular maintenance and testing of BOP on oil wells and sites
- Implementation of Green Jobs initiative
- Home and Business Eco retrofits
- Eco-education, upgrading and training
- Implementation of water reclamation and conservation measures
- Implementation of Environmental and Endangered species measures
- DNA bar coding of 100 million + species
- Bank capitalization with the sale of "Global Peace Bonds"
- Greater usage of Trains and Buses, less use of Air Planes and cars
- Green Infrastructure Retrofits and upgrades and maintenance
- Implementation of Green Jobs Plan by David Thompson,
- Gravity storage batteries.

Monday 29 July 2013
By David Ed Camelot, Canada

BIOSPHERE

Ecohistory THE BIOSPHERE/ BIOSYSTEM Life Sciences THE ASCENT OF EARTH, LIFE AND HUMANITY, 2012, EARTH

Time:	Natureville	Taxomic Classification	Archaea	Bacteria	Plants Eukaryote	Protista Euk	Fungi Euk	Animals Euk	Mammal Euk	Homo Euk	A. Politics B. Lit. C Religion D. Art E. Music F. Science G. Daily Life
Future	Venus Transit										
2010 CE/AD	Lunar Eclipse on Winter Solstice										
1900 CE/AD		Global Culture The Internet									Space Exploration 
1700 CE/AD	Lunar Eclipse on Winter Solstice	Geographic Culture									India / Middle East/ European  African/ Chinese/ Native Ameri
0030 CE											Helio-centric Revolution
3,000 BCE	Frist Record Solar Eclip	Sub-species:									Homosp Idaltu / Sapien
150,000 BCE											
170,000 BCE		Species									Homo Sapien
500,000 BCE											 Fire
		Sub- Genus:									Neanderthal/Cro-magnon
		Genus:								Pan/Homo	Homo
		Sub-Tribe:								Hominina	Hominina
2 Mil BCE											
6 Mil BCE		Tribe:							Hominini	Hominini	
		Super Family							Great Apes		
50 Mil BCE											
		Order:							Primate	Primate	
220 Mil BCE		Class:							Mammal		
		Phylum:		1866=	Plantae				Chordata		
		Kingdom:		2005=	Archaeoplas	Protista	Fungi	Animal	Animal		
	Water										Note; blue green algæ is a microorganism not plant.
	Air										
	Gravity				Euk	Euk	Euk	Euk	Euk		Euk
2 Bil	God Particle	Domain:	Archaea	Bacteria	Eukaryote						
5.5 Bil Sol	4.1 Bil Earth (Gaia)	3.9 Bil Moon									

BIOSPHERE

FLOWERS



140.jpg



1643.jpg



1649.jpg



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aflower2.jpg



aflower3.jpg



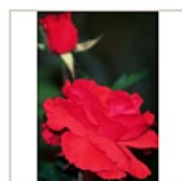
aflower8.jpg



alfred_de_breanski_jr...



Amidst_the_Roses.jpg



animatedpod1147.gif



april.jpg



Bacio_dInverno_Still_L...



bali-lotus.jpg



beautifulpicturecherry...



beautifulpictureLaven..



before.JPG



Berglilie.jpg



bigflower.jpg



blueflowers.jpg



boeren jasmijn.jpg



bouquet1.jpg



bush.jpg



butterflybutterflyplant...



Colored_Cloth_Vase.jpg



cowslip.JPG

THE BIOSPHERE:

General

Kerry Wood Nature Center, Heritage Ranch, McKenzie Trails, Medicine River Wildlife Center.

Winter



BIOSPHERE
Spring



BIOSPHERE
Summer



BIOSPHERE
Autumn



RECENT HISTORY

197

BIOSPHERE

Bibliography Table BIOSPHERE/SYSTEM (Scientific References)

Year	TITLE and Pages	Author	Publisher	Place	ISBN #
2011	Illustrated Encyclopedia of the Earth 520 pgs		By DK (c)	Britain	#9781405373692
2010	Smithsonian, Natural History	Kathryn Hennessy	© 2010 DK	UK ?	# 978-07566-6752-8
2009	Encyclopedia of Earth Website			WWW	Www.eoearth.org
2008	The Encyclopedia of Earth 608 pgs	Michael Allaby	U of Cal (c)	USA	#9780520254718
2006	Animal, Chordates, Mammals Origins, Principles of Zoology, 13th ed, Pg 21- 33, 192-194, 483-486, 596-599.	Ed Dir Kent A. Peterson ©		USA ?	# 0-07-283056-5
2005	Encyclopedia of Earth Science	Timothy Kusky			#0816049734?
2004	FLORA 1584 pgs	Chief cons Sean Hogan	© 2003/04 Global Book Publishers Pty Ltd	Australia	#1 74048 097 X
2004	Primates, Homo Sapiens (250,000 BCE): Grzimeks Animal Life Encyclopedia, 2nd Edition, Vol 14, Mammals III, Pages 1, 2, 225-243	Project Editor Melissa C. McDade ©		USA ?	# 0-7876-5790-5
2000	The Amphibians and Reptiles of Alberta 2 nd Ed, 281 pgs	By A. P. Russell and A. M. Bauer, Pub by Calgary Press (c) 2000		Alberta CA	155238-038-6
1996	Exploring Central Alberta's Parkland , 176 pgs	By A. Robertson, Pub Rocky Mountain Books, (c) 1996			0-921102-49-6
1991	Encyclopedia of Earth System Science	Leonid Brekhovskikh	Springer (c)		#9780122267192
1988	A Natural History of Canada, 306 pgs	By R.D. Lawrence, Pub Keyporter Books Ltd (c) 1988		Ont CA	1-551013-064-1
1980 CE	China (1.5 Million - 10,000 BCE): Early Man In China	By Prof. Jia Lanpo	Foreign Langu Press, ©	Beijing, China	?
1970 CE	The Illustrated Natural History of Canada, The Western Plains	By M. Braithwaite (c) 1970 , Pub by N.S.L.			Lib of Cong 79-105929
1967 CE	Alberta, A Natural History Chap. 7, The Aspen Parkland , 340 pgs	Edited by W.G. Harot, Pub by the Patrons & M.G. Hurtig Pubs.(c) 1967		Alberta CA	?
140,000 BCE	DNA Sequencing Data Results from Organic Material			EARTH	
220,000,000 BCE	Radiometric Dating Data Results from fossil specimens			EARTH	

HYDROSPHERE

CONTENTS

Definition: Hydrosphere: noun all the waters (liquid or frozen) at the earth's surface, including soil and ground water.

Prose/History/Waste/Food Safety	pg 189
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HYDROSPHERE



jasper2.jpg



LahainaMoods.jpg



lake3.jpg



landscape67.jpg



liftoff.tiff



LightDance2.jpg



lighthouse & rainbow.jpg



maclake.jpg



mountain & lake.jpg



mountain river.jpg



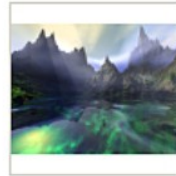
mountainstream.JPG



mtbaker600.jpg



naturesymphony.jpg



nebelkronen16.jpg



noahs_ark_rainbow_c..



slame-a-hanauma-ba...



Paradise
Cave-236gw.jpg



paradise-setting.jpg



pic1a.jpg



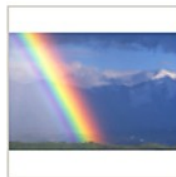
pic2a.jpg



pic3a.jpg



rainbow and
fireweed,BC_1.jpg



rainbow-over-the-mul...



rapids.jpg



raspberrycreek2.jpg



reddeer.jpg



sea_life_park.jpg



spar.jpg



sphere.jpg



spring2007.jpg

HYDROSPHERE

E. THE HYDROSPHERE/ HYDROSYSTEM

Waters, Oceans, Lakes, Rivers and Rains.

*"...The waters above the firmament,
from the waters below the firmament..."*
Genesis, Holy Bible 1200 BCE Earth

"If there is magic on this planet, it is contained in water"
Loren Eiseley

*"The oceans are probably about 3 billion years old but have
been greatly affected by photosynthetic life forms that arose from them."*
M. Beazley



WASTE AND WATER TREATMENT AND RESTORATION

1. **John & Nancy Todd.** (1939 - ?) Canadian EcoDesigners, Started the New Alchemists Institute in the 1970s, Did various waste treatment strategies with the United Nations, Started Ocean Arks waste treatment and restoration company. www.oceanarks.org . Wrote various books and magazines, Annals of the Earth, Did work on "living machines" 1994

RE: THE TIDES

The moon exerts its influence through the harmonic constants of the tides.

RE: GARBAGE

In a more or less closed system such as the Earth is, there cannot or should not be much or any that is really considered garbage, just certain things perhaps that require time and treatment deprocessing or processing.

GLOBAL AIR, WATER, CROP, FOOD AND MEDICINE, HEALTH, SAFETY AND INSPECTION SERVICES

The Minister of such and or Authorities can take whatever reasonable measures and powers necessary to ensure such health and safety, including obtaining a site warrant or suspending the operating license of such facilities as necessary until compliance to set Standards and Guidelines are demonstrated and met and ensured.

THE HYDROSPHERE:

General

The Red Deer River, Sylvan Lake, The Blindman River, Pine Lake, etc.

Winter

Spring

Summer



Sylvan Lake 2006

HYDROSPHERE

Autumn



Red Deer River 2000

HYDROSPHERE SPHERE

RECENT HISTORY

YEAR	HELIOSPHERE AND GEOSPHERE: PHYSICAL SCIENCES & -B 2. MATH	HYDROSPHERE: WATER BIOSPHERE: LIFE SCIENCES	ANTHROPOSPHERE: SOCIAL SCIENCES		
2004		2004 .26 Dec. Indonesian tsunami kills 100,000 people	A. HIST ORY/ POLIT ICS	B. LITER ATUR E/ THEAT ER	C. to G. Oth ers
2010		BP oil well leak in the Gulf of Mexico causes much environmental and economic damage.			
2011					
2012					
2013		June 1/1000 year flood in Southern Alberta costs province \$6 billion dollars			

HYDROSPHERE

Bibliography Table HYDROSPHERE/SYSTEM (Scientific References)

Year	TITLE and Pages	Author	Publisher	Place	ISBN #
2008 CE/AD	News Release for Water on Mars	NASA	NASA ©	USA	Nasa.gov
1991 CE/AD	OCEANS: World Conservation Atlas	Gen Ed D. Elder & J Pernetta	Mitchel Beazley Publishers ©	London, England/U K	0 85533 923 3
1991 CE/AD	Realms of the Sea	Kenneth Brower	National Geographic Society	Wash DC USA	0 87044 855 2
1990 CE/AD	Atlas of Alberta Lakes, 673 pgs	Edited by P. Mitchell & E. Prepas, U of A Press (c) 1990		AB. CA	0-88864-214-8
1975 CE/AD	Bulletin 31, Hydro-geology of Red Deer and Vicinity, Alberta (1967-1969) 102 pgs & maps	By. G. M. Gabert, Pub Alberta Research Council (c) 1975		Edmonton AB	?
1200 BCE/BC	The Holy Bible	Abraham/Moses	Holy Spirit	Middle East	Public Domain

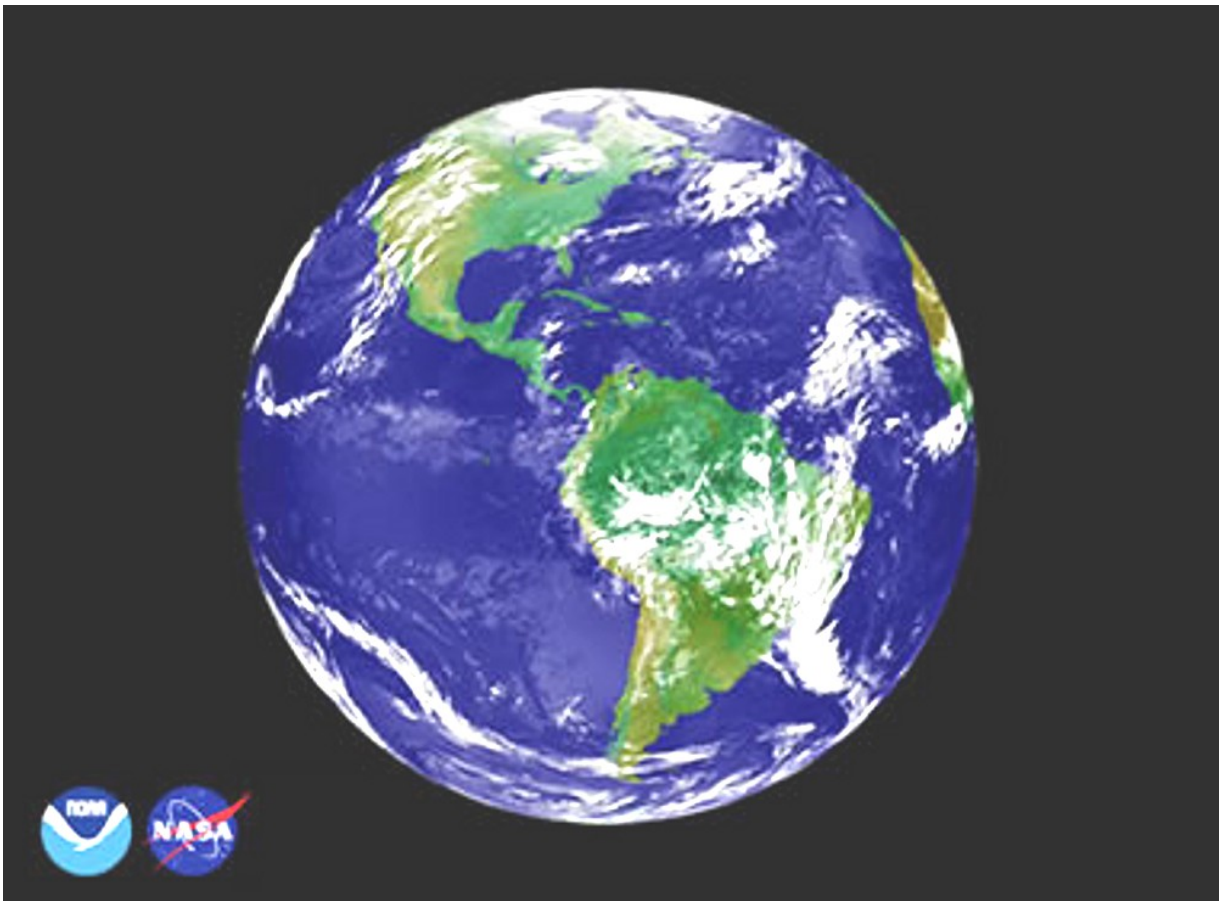
GEOSPHERE

**EARTH, MOON & GRAVISPHERE
CONTENTS**

Definition: noun The Geosphere is the densest parts of the Earth and consists mostly of rock and regolith.

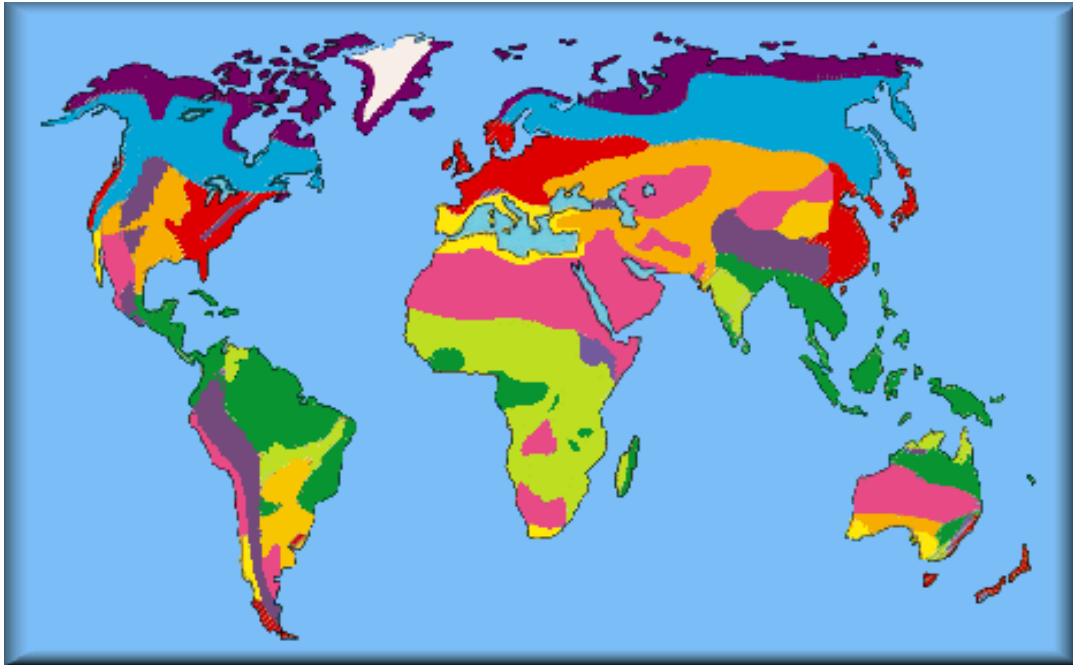
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Physics **pg 196**
Engineering **pg 197**
Mathematics **pg 198**
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Chemistry **pg 201**
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THE EARTH/GAIA

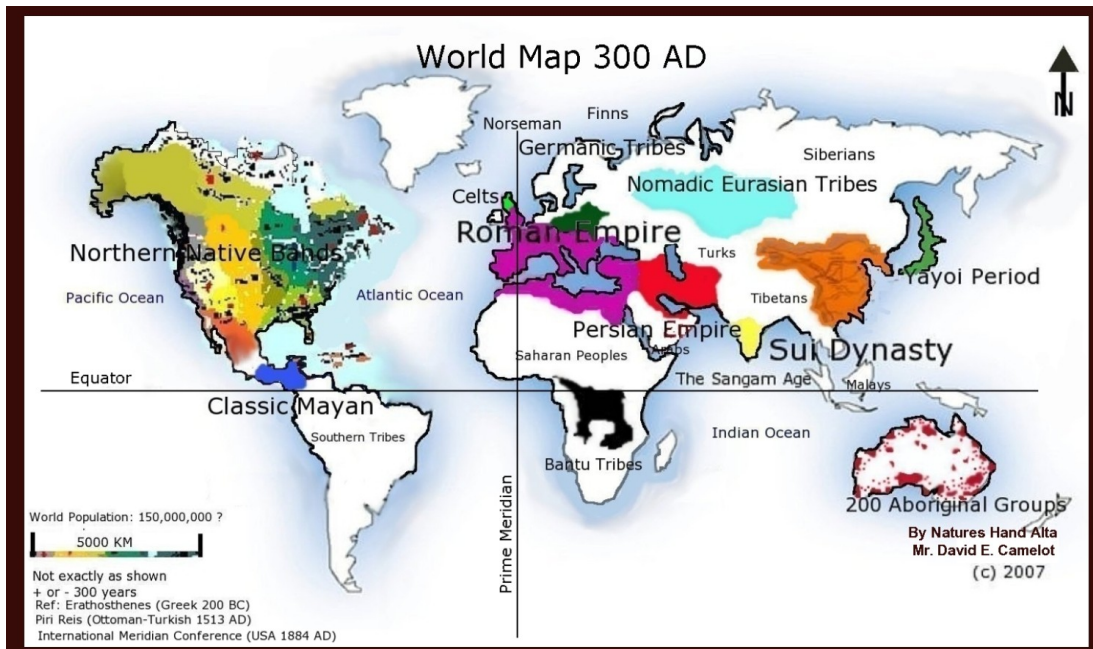


GEOSPHERE

World Biome Map (2 Million BCE)



Human Civilization and Agriculture Map (10,000 BCE to 300 CE Years) *By Natures Hand Company*



GEOSPHERE



401.jpg



21_17_PARTOFLYEL.jpg



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waterton3.jpg



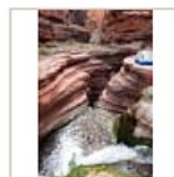
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2010EARTHNORTH.jpg



2010solarmapupdate...



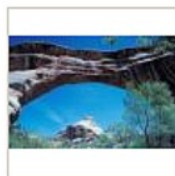
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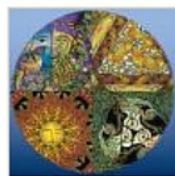
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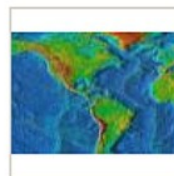
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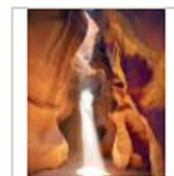
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A1JenDelythCelticArtL...



americas.jpg



Antelope-Light-Dance-...



apollo17_earth.jpg



approaching_big_islan...



arcticmap4-new2.jpg



arcticterritories2010.jpg



AxialTiltObliquity2.jpg



low_Lake_Canadian_...



compoundcrystal2.jpg



compoundcrystal3.jpg



compoundcrystal4.JPG



compoundcrystal5.jpeg

GEOSPHERE

PHYSICAL SCIENCES PHYSICS

TIME	SCIENCE	SCIENTIST	FORMULA
2000 - 2012	Probability that Higgs Boson or Atlas/god Particle found in super collider in Europe	1,000 Scientists and Physicists around the Earth.	Particle thought to be the glue or glue code or logic that holds matter/mass of Universe together.
1879 -1955	The theory of relativity put forth that spoke of energy, time and space by German born US theoretical physicist	Albert Einstein	SI Einstein + or – $E = + \text{ or } - m \times c^2$ forward or backward energy or Einsteins = directions of mass x the speed of light squared
	Mass is the constant mass of a specific element and its constituents and remains constant on other gravities.		
	Weight Weight = the gravitation pull on an object and varies on different planets or stars		
1818 - 1889	British physicist who determined si joule to be energy or work not force, to lift 1 kg per 1 meter	James Prescott Joule	SI Joule $J = N \times Kg \times M$ Joule = newton of force to displace 1 kg 1 meter
1736 - 1819	British engineer who determined SI watt to be power (joules applied per second) Power	James Watt	SI Watt $w = j \times s$ watts = joules per second
1642 - 1727	English mathematician and scientist whose theories of gravitation (force), terrestrial mechanics, higher mathematics and color.	Sir Issac Newton	SI Newton $N = k \text{ m/s}^2$ newtons = kilograms x meter over seconds
1564 - 1642	Galileo ponders gravity	Galileo Galilei	gravity : attraction between massive bodies directly proportional to the product of their masses and inversely proportional to the square of the distance between them.
303 BCE	Greek mathematician who introduced the deductive principles of logic to geometry Work "Elements" Scroll	Euclid	$L \times W = \text{sq feet}$ Length times width = square feet Phi = about 5/3
500,000 BCE	Awareness and use of fire	Proto Humans	Cooking and Warmth

References

Global News Media
Wikipedia 2012

The Science Book by Peter Tallack © 2003 Publisher Weidenfeld and Nicolson isbn 0297843370

UNITS OF THE INTERNATIONAL SYSTEM			
PREFIXES			
A multiple of a unit in the International System is formed by adding a prefix to the name of that unit. The prefixes change the magnitude of the unit by orders of ten.			
Prefix	Symbol	Multiplying Factor	
yotta-	Y	10 ²⁴ = 1,000,000,000,000,000,000,000,000,000	
zetta-	Z	10 ²¹ = 1,000,000,000,000,000,000,000,000,000	
exa-	E	10 ¹⁸ = 1,000,000,000,000,000,000,000,000,000	
peta-	P	10 ¹⁵ = 1,000,000,000,000,000,000,000,000,000	
tera-	T	10 ¹² = 1,000,000,000,000,000,000,000,000,000	
giga-	G	10 ⁹ = 1,000,000,000,000,000,000,000,000,000	
mega-	M	10 ⁶ = 1,000,000,000,000,000,000,000,000,000	
kilo-	k	10 ³ = 1,000	
hecto-	h	10 ² = 100	
deca-	da	10 = 10	
deci-	d	10 ⁻¹ = 0.1	
centi-	c	10 ⁻² = 0.01	
milli-	m	10 ⁻³ = 0.001	
micro-	μ	10 ⁻⁶ = 0.000,001	
nano-	n	10 ⁻⁹ = 0.000,000,001	
pico-	p	10 ⁻¹² = 0.000,000,000,001	
femto-	f	10 ⁻¹⁵ = 0.000,000,000,000,001	
atto-	a	10 ⁻¹⁸ = 0.000,000,000,000,000,000,001	
zepto-	z	10 ⁻²¹ = 0.000,000,000,000,000,000,000,001	
yocto-	y	10 ⁻²⁴ = 0.000,000,000,000,000,000,000,000,001	
ADDITIONAL UNITS			
Listed below are a few of the non-SI units that are commonly used with the International System.			
Unit	Quantity	Symbol	
angstrom (= 10 ⁻¹⁰ m)	length	Å	
electron-volt (= 0.160 aJ)	energy	eV	
hectare (= 10,000 m ²)	land area	ha	
liter (= 1.0 dm ³)	volume or capacity	l	
standard atmosphere (= 101.3 kPa)	pressure	atm	
DERIVED UNITS			
Most of the units in the International System are derived units, that is, units defined in terms of base units and supplementary units. Derived units can be divided into two groups—those that have a special name and symbol and those that do not.			
Without Names and Symbols			
Measure of		Derivation	
acceleration	m/s ²		
angular acceleration	rad/s ²		
angular velocity	rad/s		
density	kg/m ³		
electric field strength	V/m		
luminance	cd/m ²		
magnetic field strength	A/m		
velocity	m/s		
With Names and Symbols			
Unit	Measure of	Symbol	Derivation
coulomb	electric charge	C	A • s
farad	electric capacitance	F	A • s/V
henry	inductance	H	V • s/A
hertz	frequency	Hz	cycles/s
joule	quantity of energy	J	N • m
lumen	flux of light	lm	cd • sr
lux	illumination	lx	lm/m ²
newton	force	N	kg • m/s ²
ohm	electric resistance	Ω	V/A
pascal	pressure	Pa	N/m ²
tesla	magnetic flux density	T	Wb/m ²
volt	voltage	V	W/A
watt	power	W	J/s
weber	magnetic flux	Wb	V • s

UNITS OF THE US CUSTOMARY SYSTEM																																	
Unit	Relation to Other US Customary Units	Unit	Relation to Other US Customary Units																														
LENGTH																																	
inch	12 foot	fluid ounce	16 pint																														
foot	12 inches or 1 yard	pint	16 ounces																														
yard	36 inches or 3 feet	quart	2 pints or 1 gallon																														
rod	16 1/2 feet or 5 1/4 yards	gallon	128 ounces or 8 pints																														
furlong	220 yards or 1/4 mile	VOLUME OR CAPACITY (DRY MEASURE)																															
mile	5,280 feet or 1,760 yards	pint	1 quart																														
mile (statute)	1,760 yards	quart	2 pints																														
mile (nautical)	6,076 feet or 2,025 yards	peck	8 quarts																														
		bushel	4 pecks																														
CONVERSION BETWEEN METRIC AND US CUSTOMARY SYSTEMS																																	
FROM US CUSTOMARY TO METRIC		FROM METRIC TO US CUSTOMARY																															
When you know	multiply by	When you know	multiply by																														
inches	25.4	millimeters	0.04																														
feet	2.54	centimeters	0.39																														
yards	30.48	meters	3.28																														
miles	0.91	kilometers	1.09																														
fluid ounces	1.61	milliliters	0.03																														
pints (liquid)	29.57	milliliters (liquid)	0.03																														
quarts (liquid)	0.47	liters (liquid)	1.06																														
gallons	0.95	liters (liquid)	0.26																														
liters (liquid)	3.79	liters (dry)	2.12																														
liters (dry)	0.55	liters (dry)	1.82																														
quarts (dry)	1.10	liters (dry)	0.90																														
ounces	28.35	grams	0.035																														
pounds	0.45	kilograms	2.20																														
short tons (2,000 lbs)	0.91	metric tons (1,000 kg)	1.10																														
square inches	6.45	square centimeters	0.155																														
square feet	0.09	square meters	1.20																														
square yards	0.84	square meters	0.39																														
square miles	2.59	square kilometers	2.47																														
acres	0.40	hectares																															
BRITISH IMPERIAL SYSTEM																																	
VOLUME OR CAPACITY (LIQUID MEASURE)		VOLUME OR CAPACITY (DRY MEASURE)																															
Unit	Relation to Other British Imperial Units	Unit	Relation to Other British Imperial Units																														
pint	1/4 quart	peck	1/4 bushel																														
quart	2 pints	bushel	4 pecks																														
gallon	8 pints																																
	4 quarts																																
TEMPERATURE CONVERSION BETWEEN CELSIUS AND FAHRENHEIT																																	
°C = (°F - 32) ÷ 1.8 °F = (°C × 1.8) + 32																																	
<table><tr><th>Condition</th><th>Fahrenheit</th><th>Celsius</th><th>Condition</th><th>Fahrenheit</th><th>Celsius</th></tr><tr><td>Boiling point of water</td><td>212°</td><td>100°</td><td>Freezing point of water</td><td>32°</td><td>0°</td></tr><tr><td>Normal body temperature</td><td>98.6°</td><td>37°</td><td>Lowest temperature that Gabriel Fahrenheit could obtain mixing salt and ice</td><td>0°</td><td>-17.8°</td></tr><tr><td>A warm day</td><td>86°</td><td>30°</td><td></td><td></td><td></td></tr><tr><td>A cool day</td><td>45°</td><td>7°</td><td></td><td></td><td></td></tr></table>				Condition	Fahrenheit	Celsius	Condition	Fahrenheit	Celsius	Boiling point of water	212°	100°	Freezing point of water	32°	0°	Normal body temperature	98.6°	37°	Lowest temperature that Gabriel Fahrenheit could obtain mixing salt and ice	0°	-17.8°	A warm day	86°	30°				A cool day	45°	7°			
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A cool day	45°	7°																															

GEOSPHERE

SCIENCES : MATHEMATICS

41 Basic Math Meanings

#	Word	Meaning
1	Addition	Operation that builds sums or combining of numbers
2	Algebra	Is a branch of math dealing with symbols
3	Algorithm	Is steps to solve problems
4	Arithmetic	Is branch of math and real numbers and formulas
5	Congruent	Equal in size and shape
6	Conjunction	If, and, but, joiner conditional
7	Converse	Means opposite place or change of place ie A & B to B & A
8	Counter positive	Means change in place and meaning ie A & B to -B & - A
9	Cube	3 dimensional Square sided object
10	Cubed	Power of 3, ie $2 \times 2 \times 2 = 2^3 = 8$
11	Dimension	A measure in space and time
12	Division	To separate in segments or parts
13	FALSE	Not true, not logical, not real,
14	Factor	Aspect or quality or quantity or attribute or detail
15	Function	The use or purpose or utility
16	Equivalent	Equal to or same
17	Exponent	Advocate,
18	Geometry	Is measure of points, lines, shapes and measure of earth branch of math
19	inverse	Means opposite in meaning ie A & B to -A & -B
20	Law of Math	Associative, Distributive, Commutative
21	Logic	Is reasoned arguments and proofs
22	Mathematics	Is operations with numbers
23	Multiplication	The times or operation of increasing by ratio
24	Number	A symbol representing a quantity or measure or volume of something
25	Point	A single spot or place or mark in space
26	Postulate	A statement given not having to be proven
27	Power	A state of a number status or ranking
28	Premise	A proposed idea
29	probability	The chance or ratio of something being true or false
30	proof	A truthful conclusion or summary
31	proportional	In a ratio relationship
32	Quadratic	
33	ratio	A denominator (below) and numerator (above) formula or representation
34	root	A common denominator of a number or number it reduces to
35	scale	A relative increase or decrease in size or proportion
36	square	To multiply a number by itself ie 2 squared or $2 \times 2 = 4$
37	subtract	To separate or take away an amount from something
38	theorem	Is a premise, hypothesis or guess
39	triangle	A three sided figure
40	TRUE	An affirmative or real or positive state
41	Zero	Nothing or non existent

Sept. 8, 2011, Thursday, Canada, Earth

Temp = 26.3 * C
Time = 7:20 pm mdt

1 Googol =

***10,000,000,000,000,000,000,000,000,000,
000,000,000,000,000,000,000,000,000,
000,000,000,000,000,000,000,000,000,
000,000,000,000,000,000***

**Prior Art = (c) USA
1929 Milton Sirotta
1 with 100 zeros
Ref. Newton's
Telecom
Dictionary
(c) 2007 Harry Newton,
New York, USA, Earth
1-800-462-6420**

10^{100} Googol

= 1 Googolplex

*(1 with 1,000 zeros
more or less, I
reckon or figure.)*

Seems to form a logical relationship or pattern it seems.

*or in other words a
googolplex is 10 googols*

Therefore

1 googolplex =

1 with 1000 zeros

1 millionplex =

1 with 1 million zeros

1 billionplex =

1 with 1 billion zeros

**Result: A BILLIONPLEX
MIGHT REPRESENT SAY,
ALL THE ATOMS IN THE
UNIVERSE.**

Page 1

1 Googolplex =

[illegible]

*Note**

**Frank Philhofer & Moores
Law suggested in 2006?
it would take 524 years to
print out a Googolplex.
Here in Sept of 2011
I guess were 519 years
ahead of schedule or
calculation. 2011 (c) Earth**



Natures Hand
Mr. David Ed Camelot
2011 (c) CANADA

Price = Priceless
or 1000 T oz Fine Silver

GEOSPHERE

PHYSICAL SCIENCES GEOGRAPHY EARTH DATA AND FACTS 1985 CE

EARTH: Planetary Data		
Mass	6.6×10^{25} tons	5.98×10^{24} kg
Volume	2.59×10^{13} miles ³	1.08×10^{21} m ³
Mean density	345 lb/ft ³	5,517 kg/m ³
Equatorial radius	3,964 miles	6,378 km
Polar radius	3,951 miles	6,356 km
Mean radius	3,959 miles	6,371 km
Mean circumference	24,873 miles	40,030 km
Total surface area	1.97×10^8 miles ²	5.11×10^8 km ²
Land area	5.58×10^7 miles ²	1.49×10^8 km ²
Ocean area	1.40×10^8 miles ²	3.62×10^8 km ²
Mean surface gravity	32 ft/sec ²	9.81 m/sec ²
Mean atmospheric pressure at sea	14.93 lb/in ²	1.05 kg/cm ² =1013 millibars or or 760 mm of mercury

EARTH – Major Components	(tons)	(kilograms)
Atmosphere	5.6×10^{10}	5.1×10^{18}
Hydrosphere (surface water)	1.54×10^{18}	1.4×10^{21}
Biomass	1.10×10^{12}	1.0×10^{15}
Oceanic crust	7.7×10^{18}	7.0×10^{21}
Continental crust	1.76×10^{19}	1.6×10^{22}
Mantle	4.49×10^{21}	4.08×10^{24}
Core	2.08×10^{21}	1.89×10^{24}
Total	6.6×10^{21}	5.98×10^{24}

Note*** In order for life on other planets to develop similarly to Earth life, it would probably be necessary to have a similar Moon, Gravity and Temporal System.

ATMOSPHERE MAIN CONSTITUENTS	PERCENTAGE (by volume)	APPROX MASS (TONS)	APPROX MASS (KG)
Nitrogen (N ₂)	78.09	4.24×10^{15}	3.84×10^{18}
Oxygen (O ₂)	20.95	1.30×10^{15}	1.18×10^{16}
Argon (Ar)	0.93	7.2×10^{13}	6.50×10^{16}
Carbon Dioxide (CO ₂)	0.033	2.87×10^{15}	2.6×10^{15}
Neon (Ne)	0.0018	7.05×10^{10}	6.4×10^{13}
Helium (He)	0.00052	4.08×10^9	3.7×10^{12}
Methane (CH ₄)	0.00015	4.74×10^9	4.3×10^{12}
Krypton (Kr)	0.00010	1.66×10^{10}	1.5×10^{13}
Nitrous oxide (N ₂ O)	0.00005	4.42×10^9	4.0×10^{12}
Hydrogen (H ₂)	0.00005	1.98×10^8	1.8×10^{11}
Ozone (O ₃)	0.00004	3.41×10^9	3.1×10^{12}
Xenon (Xe)	0.000008	1.98×10^8	1.8×10^{11}

Source: The Planet Earth Pg 142, see References
By Natures Hand Company Alberta, Mr. David E. Camelot 13 March 2012, AB CA EARTH



GEOSPHERE

THE GEOSPHERE/GEOSYSTEM: PHYSICAL SCIENCES Chemistry

THE PERIC

H
Hydrogen 1
E rocket fuel
E hydrogenation of oils to make fats
E vehicle fuel
C ammonia
Av 1.01

Li
Lithium 3
E rocket fuel additive
E pacemaker battery
M aircraft material
C lubricant additive, glass
C antidepressant
Av 6.94

Na
Sodium 11
E coolant in nuclear reactors
M street light
C kitchen salt, soda, glass
C airbag
C cosmetics, soap
Av 23.00

K
Potassium 19
C synthetic fertilizer
C glass, lenses
C matches, gunpowder
C salt (sodium chloride) substitute
Av 39.10

Rb
Rubidium 37
E photoelectric cell
E gas scavenger (in vacuum tube)
C fuel cell
C hardened glass
C blood circulation regulator
Av 85.47

Cs
Caesium 55
E photoelectric cell
E gamma radiation source
E atomic clock
E infrared lamp
E rocket fuel additive
Av 132.91

Fr
Francium 87
Seldom found in nature
Av (223)

Be
Beryllium 4
E x-ray tube window
M aircraft brakes
M golf clubs
M (watch) spring
M spark-free tools
Av 9.01

Mg
Magnesium 12
E flare
M car wheel, aircraft
C firebricks
C powder for gymnasts
C pigment, filler
Av 24.31

Ca
Calcium 20
E metallurgy
M cable insulation, battery
C synthetic fertilizer, salt
C treatment for icy roads
C plaster, cement
C filler in papers, paint
Av 40.08

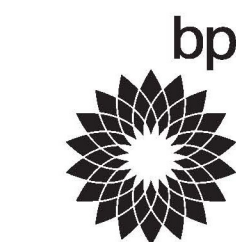
Sr
Strontium 38
C nuclear battery in buoys
C weather stations
C permanent magnet
C phosphorescent paint
C fireworks
C toothpaste for sensitive teeth
Av 87.62

Ba
Barium 56
M gas scavenger (in vacuum tube)
C lubricant additive
C filler, pigment for paper
C fireworks
C X-ray photo of digestive system
C mud used in oil drilling
Av 137.33

Ra
Radium 88
Av 226.03



Medicines for a Healthy Future



RSC Advancing the Chemical Sciences



Sc
Scandium 21
E leak detector
C seed germinating agent
C lights for sets for TV productions
Av 44.96

Y
Yttrium 39
M jet engine
C colour TV screens
C camera lenses
C firebricks
C laser, radar (filter)
Av 88.91

La
Lanthanum 57
M lighter flint
M battery electrode
C catalytic converter
C camera lenses
Av 138.91

Ac
Actinium 89
Av 227.03

Ti
Titanium 22
E heat exchanger
M aircraft
M bone pin, prosthesis
C fake diamond
C pigment for paint and paper
C polymerization catalyst
Av 47.88

Zr
Zirconium 40
E nuclear fuel rods
M percussion cap
C fake diamond
C furnace bricks
C oxygen meter
Av 91.22

Hf
Hafnium 72
E nuclear submarine control rods in nuclear reactor
E gas scavenger for vacuum tube
M jet engine
M tools
Av 178.49

Rutherfordium 104
Dubnium 105
Seaborgium 106
Bohrium 107
Hassium 108
Meitnerium 109
Darmstadtium 110
Roentgenium 111

V
Vanadium 23
M construction material
M tools, spring
M jet engines
C antiblocking paint
C catalyst for sulfuric acid production
Av 50.94

Nb
Niobium 41
M cutting tools
M pipelines
M superconducting magnet
M welding rod
M orthopaedic implants
Av 92.91

Ta
Tantalum 73
E electrical condenser
M vacuum tube filaments
M cutting tool, rocket
M spectacle frames, prosthesis
C camera lenses
Av 180.95

Ce: Cerium 58
M lighter flint
C polishing powder for TV glass
C arc lamp
Av 140.12

Cr
Chromium 24
E plating, protecting
M steel for tools and knives
C catalyst for methanol production
C camouflage paint, laser
C cassette and video-tapes
Av 52.00

Mo
Molybdenum 42
E filament in electric heater
M rocket motor, turbine
C flame retardant
C lubricant
C catalyst in petrochemistry
Av 95.94

W
Tungsten 74
E welding electrode
E lamp filament, tv
M armour, shell, bullet
M rocket nozzle
M cutting and boring tools
Av 183.85

Pr: Praseodymium 59
M lighter flint
M permanent magnet
C searchlight
C ceramic colouring
C glass for welding spectacles
Av 140.91

Th: Thorium 90
E coating on filament wire
E fuel for 'breeder' nuclear reactor
C glass for lenses
C gallium mantle
C crucible
Av 232.04

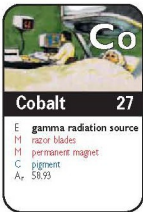
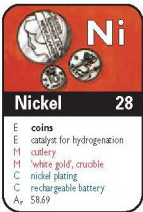
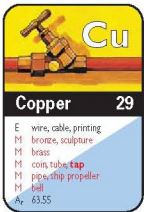
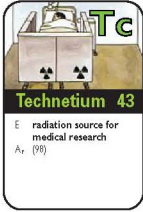
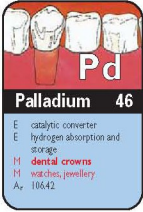
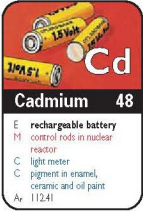
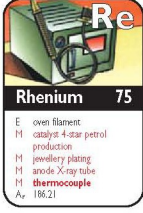
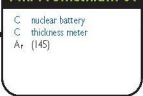
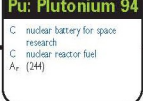
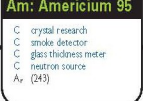
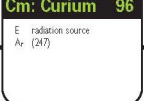
Pa: Protactinium 91
Av 231.04

PERIODIC TABLE OF ELEMENTS

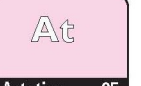
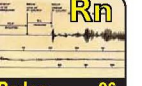
KEY

At room temperature the element is:		Appearance in nature:		Used as:	
Yellow	gas	Unshaded	only as compounds	Calcium 20	name, atomic number
Red	liquid	Shaded	free element	E M C A	element (text in black) alloy, blend or mixture (text in red) compound (text in dark blue) relative atomic mass (to 2 d.p.)
White	solid	Half-shaded	as the element and in compounds		
Green	man-made solid				

© Association of the Dutch Chemical Industry (VNCI)

 Manganese 25 M steel for railway points M tools, axes M safe C battery C glass, black pigment A_r 54.94	 Iron 26 E magnet M bridge, car, boat, machine M tin can M tools, nail A_r 55.85	 Cobalt 27 E gamma radiation source M razor blades M permanent magnet C pigment A_r 58.93	 Nickel 28 E coins E catalyst for hydrogenation M razor blades M white gold, crucible C nickel plating C rechargeable battery A_r 58.69	 Copper 29 E wire, cable, printing M bronze, sculpture M coins, tube, tap M pipework, propeller M ball A_r 63.55	 Zinc 30 E corrosion resistant coating (galvanising) E battery, gutter M car parts, brass C cosmetics C white pigment in rubber A_r 65.39
 Technetium 43 E radiation source for medical research A_r (98)	 Ruthenium 44 M car spark plug M electrical contact M resistance wire M spinning nozzle M jewellery A_r 101.07	 Rhodium 45 E mirror in projector M telephone relay M jewellery M catalytic converter M aerial spark plug A_r 102.91	 Palladium 46 E catalyst, converter E hydrogen absorption and storage M dental crowns M watches, jewellery A_r 106.42	 Silver 47 E mirror, battery M coins, jewellery M silverware C photographic paper, film C photoconductive glass A_r 107.87	 Cadmium 48 E rechargeable battery M control rods in nuclear reactor C light meter C pigment in enamel, ceramic and oil paint A_r 112.41
 Rhenium 75 E oven filament M catalyst 4-stroke petrol production M jewellery plating M anode X-ray tube M thermocouple A_r 186.21	 Osmium 76 E catalyst for ammonia production M fountain pen nib M compass needle M clock bearing M jewellery A_r 190.2	 Iridium 77 E cancer irradiation M hypodermic needle M helicopter spark plug C fountain pen nib A_r 192.22	 Platinum 78 E catalyst for nitric acid production M crucible M melting pot for glass, jewellery M dental crown C anti-tumour agent A_r 195.08	 Gold 79 E precious metal E jewellery E electrical contact M dental crown C rheumatism treatment A_r 196.97	 Mercury 80 E thermometer E street light E sun lamp, energy-saving bulb M dental filling A_r 200.59
 Nd: Neodymium 60 M permanent magnet C colouring for spectacles C ceramic condenser C glass for laser and lenses A_r 144.24	 Pm: Promethium 61 C nuclear battery C thickness meter A_r (145)	 Sm: Samarium 62 M permanent magnet M neutron scrapper M maser C ceramic condenser A_r 150.36	 Eu: Europium 63 M neutron scavenger C colour tv tube C x-ray screen A_r 151.96	 Gd: Gadolinium 64 M chromium steel M permanent magnet M video recorder C x-ray tube C computer memory A_r 157.25	 Tb: Terbium 65 C x-ray screen C fluorescent lamp C laser A_r 158.93
 U: Uranium 92 E "breeder" reactor fuel E nuclear reactor fuel M gyro-compass M tank ammunition C glass colouring A_r 238.03	 Np: Neptunium 93 A_r 237.05	 Pu: Plutonium 94 C nuclear battery for space research C nuclear reactor fuel A_r (244)	 Am: Americium 95 C crystal research C smoke detector C glass thickness meter C neutron source A_r (243)	 Cm: Curium 96 E radiation source A_r (247)	 Bk: Berkelium 97 A_r (247)

ELEMENTS

					0
					 He Helium 2 E inflating balloons, airships E leak detector, laser E welding blanket gas E nuclear reactor coolant H in atmosphere for deep diving Ar 4.00
3	4	5	6	7	
 B Boron 5 C tennis racket C heat resistant glass C eye wash C detergent Ar 10.81	 C Carbon 6 E water and air purification E tyre colourant, in steel E diamond, pencil C plastics fibres C natural gas, petrol, oil Ar 12.01	 N Nitrogen 7 E cryogenic surgery E freezing food E ammonia production C synthetic fertilizer C explosive Ar 14.01	 O Oxygen 8 E combustion E steel production E respiration E water purification Ar 16.00	 F Fluorine 9 C uranium enrichment C water additive C toothpaste additive C non-stick coating C aluminium production Ar 19.00	 Ne Neon 10 E neon light E fog light, tv tube E barcode reader E voltage probe E laser Ar 20.12
 Al Aluminium 13 E foil, tube E drinks can H window and door frames H car, underground train, aircraft C water purification Ar 27.00	 Si Silicon 14 E microchip, solar cell C china crockery C glass C cement/concrete C silicone sealant Ar 28.10	 P Phosphorus 15 E fireworks C synthetic fertilizer, w/c cleaner C toothpaste C food acidity regulator C antioxidant, emulsifier C lubricant additive Ar 31.00	 S Sulfur 16 E fireworks E battery, sulfuric acid production E vulcanization of rubber C preservative C hair-dye (perm lotion) Ar 32.10	 Cl Chlorine 17 E water disinfection C hydrochloric acid C plastic (PVC) C bleaching agent Ar 35.45	 Ar Argon 18 E light bulb filling E gas discharge tube E gas counter, laser E welding blanket gas E gas chromatography Ar 39.95
 Ga Gallium 31 E quartz thermometer C light emitting diode (LED) C TV screen C transistor, tumour locator C infra-red detector Ar 69.72	 Ge Germanium 32 E infra-red optics E reflector in projector C transistor, diode M solar cells Ar 72.61	 As Arsenic 33 E laser printer C wood protection C glass C light emitting diode (LED) Ar 74.92	 Se Selenium 34 E light meter E photocopier C infra-red optics C colouring glass C anti-dandruff shampoo Ar 78.96	 Br Bromine 35 C tear gas C flame retardant C pharmaceuticals C photographic paper, film Ar 79.90	 Kr Krypton 36 E fluorescent tube E arc lamp, flash bulb E gas for leak tester C pharmaceuticals C photographic paper, film C UV laser Ar 83.80
 In Indium 49 E solar cell M car bearings M motor in grand prix car C glass coating Ar 114.82	 Sn Tin 50 M tin can, solder, coin M bronze M organ pipe C antifouling paint C opalescent glass, enamel Ar 118.71	 Sb Antimony 51 M solder M lead battery, bearings M shotgun pellets C fire retardant C infrared detector Ar 121.75	 Te Tellurium 52 E percussion cap M steel for work on lathes M resistive wire C vulcanization of rubber Ar 127.60	 I Iodine 53 E disinfectant E treatment of thyroid cancer E halogen lamp C X-ray diagnosis C salt additive, prevention of goitre Ar 126.90	 Xe Xenon 54 E UV lamp, sun lamp E car lamp E lamp for projector E electronic indicator E UV laser Ar 131.29
 Tl Thallium 81 M thermometer filling C low melting glass C infra-red detector C infrared camera lenses Ar 204.39	 Pb Lead 82 E radiation protection M roof covering, battery M solder, ammunition C red lead paint C crystal glass Ar 207.2	 Bi Bismuth 83 M fireworks M sprinkles, shotgun pellet C glass, ceramics C burners, dressing C cosmetics Ar 208.98	 Po Polonium 84 E nuclear battery E neutron source Ar (209)	 At Astatine 85 Seldom found in nature Ar (210)	 Rn Radon 86 E earthquake predictor Ar (222)
Dy: Dysprosium 66 H aircraft metal M optical memory M permanent magnet C laser, bulbs Ar 162.50	Ho: Holmium 67 C laser C glass colouring Ar 164.93	Er: Erbium 68 E infra-red absorbing glass M vanadium steel C glass colouring C laser Ar 167.26	Tm: Thulium 69 E x-ray equipment C pigment for TV screen C microwave Ar 168.93	Yb: Ytterbium 70 M stainless steel C transistor, diode Ar 173.04	Lu: Lutetium 71 Ar 174.97
Cf: Californium 98 C neutron source Ar (251)	Es: Einsteinium 99 Ar (252)	Fm: Fermium 100 Ar (257)	Md: Mendelevium 101 Ar (258)	No: Nobelium 102 Ar (259)	Lr: Lawrencium 103 Ar (260)

GEOSPHERE
Winter
Spring



GEOSPHERE
Summer



Autumn

GEOSPHERE

RECENT HISTORY

YEAR	HELIOSPHERE AND GEOSPEHERE: PHYSICAL SCIENCES & -B 2. MATH	HYDROSPHERE: WATER BIOSPHERE: LIFE SCIENCES	ANTHROPOSPHERE: SOCIAL SCIENCES		
			A. HIST ORY/ POLIT ICS	B. LITER ATUR E/ THEAT ER	C. to G. Oth ers
2004	Indonesia quake and tsunami on Dec 26 Haitian earth quake Japanese quake and tsunami destroys a nuclear plant. Sun quite active in flaring,				
2010					
2011					
2012	Meteor makes close pass to earth and one explodes in Russia				
2013					

GEOSPHERE

THE GEOSPHERE REFERENCES

Bibliography Table GEOSPHERE/SYSTEM (Scientific References)

Year	TITLE and Pages	Author	Publisher	Place	ISBN #
2010	Earth Geography: Oxford Atlas of the World	Oxford University	© 2010 Philips,	UK	# 978-0-19-975128-0
1990	The Concise Oxford Dictionary of Earth Sciences	Edited by A. Allaby and M. Allaby	(c) Oxford University Press	UK	0-19-286125-5
1985 CE	The Planet Earth (The World Book Ency. Of Science)	Dougal Dixon	(c) W B I GmbH	Ger / USA	?
1960 CE	Geological Survey of Canada: Surficial Geology of the Red Deer- Stettler, Memoir 306 Maps area Alberta, 142 pgs,	By A MacS. Stalker, Pub. By Dept of Mines and Tech Surveys Canada (c) 1960		Canada	?
1884 CE	Universal Day (24 hours), Standard Time Implemented (1879)	By Sir Sanford Fleming, Canadian Rail Engineer	International Meridian Conference ©	EARTH	INTERNATIONAL AGREEMENT
1513 CE/AD	Piri Reis World Map	By Piri Reis a Turkish Admiral		TURKEY	PUBLIC DOMAIN
45 BCE	The Julian Calendar	By Julius Caesar		ROME	PUBLIC DOMAIN

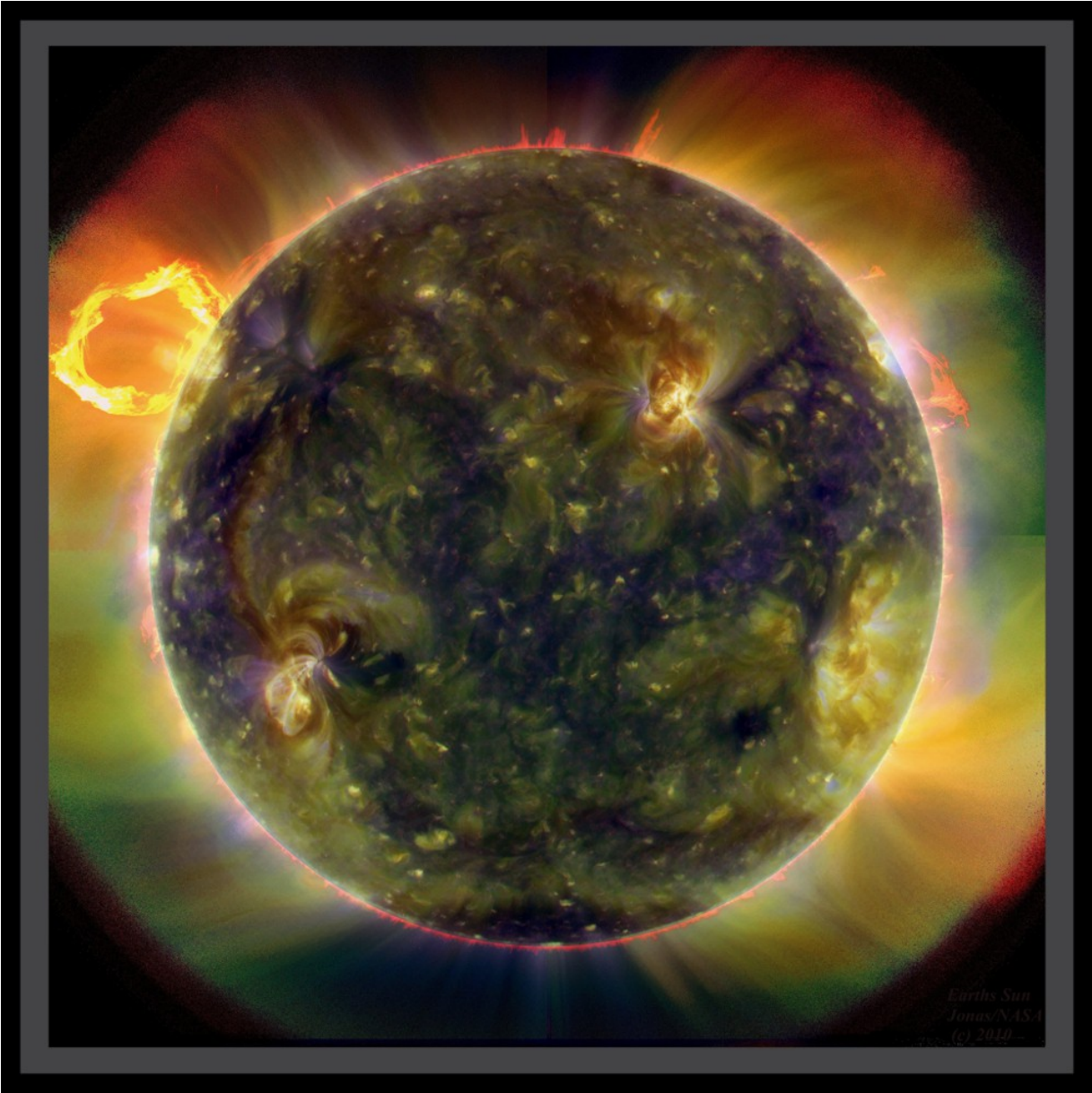
C. THE HELIOSPHERE

Contents

Definition: Heliosphere: noun in astronomy, the region of space around the sun through which the effect of the solar wind extends.

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Recent History	pg 211
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THE SUN/APOLLO



HELIOSPHERE



glasslanterns.jpg



heart-fire.jpg



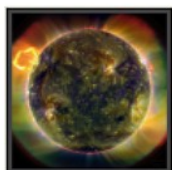
how-to-draw-a-celesti...



humanenergy.jpg



mirror-sky.jpg



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oceanfreightersunrise...



orangecandleflame.jpg



photoshopmagic.jpg



Planet_Mercury.jpg



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redsungloceansky.jpg



sky dawn.jpg



solarsystem2010.jpg



sunclouds.jpg



sunearthmoonmay201...



sun-for-web.gif



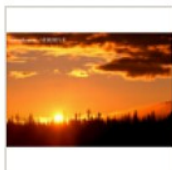
sunleaves.jpg



mutual lovesm.jpg



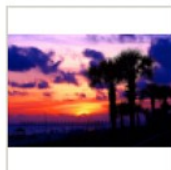
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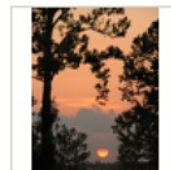
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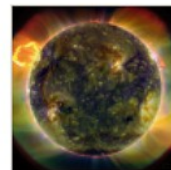
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HELIOSPHERE

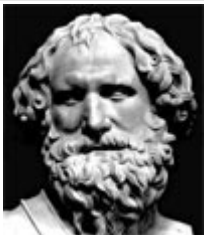
C. THE HELIOSPHERE/ HELIOSYSTEM

The Solar System/ Sol/ Apollo

"In the Beginning..."

"The five astronomers chiefly responsible for postulating, expanding, and refining the model of the solar system that we accept today were men of different backgrounds and personalities: Copernicus was a Pole, Tycho Brahe a Dane, Kepler a German: Galileo was Italian and Newton was English. Their life spans bridged two and a half centuries,..."

SOLAR HISTORY



1. Archimedes. In the third century B.C., he proposed setting ships on fire by transferring solar heat with bronze shields. The archaeological evidence is scant that the Athenians actually adopted this method, but modern-day tests show it could have worked. Hydro-kinetic power owes him a debt, too. He did his best thinking in the bathtub. Socrates and Aristotle and Roman Architect Vitruvius and writer Pliny advocate for solar Architecture and Energy and Solar rights appear in 400 AD Justinian Code.

HELIOSPHERE



2. Edmond Becquerel. Back in the middle of the 19th century, [France ruled greentech](#). In 1839, Becquerel discovered the photovoltaic cell while experimenting with an electrolyte cell. In that instant, the solar module industry was born



3. August Mouchet and Robert Stirling. In the early decades of the 1800s, Stirling invented the engine that bears his name. In 1860, Mouchet, a mathematician, proposed a solar-powered steam engine, which becomes a forerunner of parabolic solar thermal systems. The [two chief schools for solar thermal technology emerge here](#). (Hat tip to Clarence Kemp for devising the first [solar thermal water heater](#) in 1891 in Baltimore.)



4. Calvin Fuller, Daryl Chapin and Gerald Pearson. The trio created the first silicon photovoltaic cell at Bell Labs in 1954. It was only 4 percent efficient, but Bell raised the figure to 11 percent soon after. Today, the maximum efficiency for silicon PV is around 19 percent with a realistic limit at 25 percent. SunPower will soon be at 23 percent.



5. Arnold Goldman. Back in the 1980s and 1990s, the first solar thermal plants began to go online in California; one of the biggest producers was Goldman's company Luz. However, when California decided to let the property tax exemptions for solar thermal plants expire, Luz went under. But Goldman kept in contact with his engineers and researchers. And when conditions improved, Goldman helped found [Luz II](#), otherwise known as BrightSource Energy. Solar thermal from a wide variety of vendors will account for gigawatts of power in North Africa and North America in a few years. Part hard-nosed businessman, part social philosopher, Goldman embodies the "do good, but profitably" attitude that characterizes the reborn green industry.



6. Harold McMaster. If you are outside of the solar industry, you're probably scratching your head. If you are in solar, you might be scratching your head, too. McMaster has long been a master of quiet understatement. An expert in tempered glass, McMaster founded [First Solar in 1986](#). The company struggled for years until it gravitated toward cadmium telluride, a material that other solar manufacturers eschewed. VCs didn't invest in First Solar: members of the Walton family supported it. First Solar came out with its first cad-tel panels in 2002, zoomed toward its IPO in 2005, and became the largest solar panel maker in the world a few years later.



7. Zhengrong Shi. [After picking up a PhD at the University of South Wales in Australia](#), Shi founded Suntech Power Holdings in September 2001. Based in Wuxi, Suntech was once just a blip on the radar, but the company grew fast. It went public in 2005 and now jostles with First Solar for the top spot in the solar market. Marking China's entry into solar, Suntech also wants to take on SunPower in high efficiency panels.



8. Hermann Scheer. (1944- 2010) The German parliamentarian helped design Germany's renewable program. Without him, solar may never have exploded. Was President of EUROSOLAR, The European Association for Renewable Energies and General Chairman of the World Council for Renewable Energy. Received the Alternative Nobel Prize in 1999, the World Solar Prize in 1998 and the World Prize for BioEnergy in 2000. Had a number of University Degrees, ie Economics etc. Wrote numerous books ie. The Solar Economy (c) 2002 Berlin, Germany, The Solar Manifesto etc.

HELIOSPHERE

RECENT HISTORY

[illegible]

HELIOSPHERE

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Year	TITLE and Pages	Author	Publisher	Place	ISBN #
2012	Universe Age 13.7 Billion, NASA Educational Outreach	NASA Staff Email	NASA	USA	?
2002	21st Century Astronomy, Pages 140, 154, 186, 294, 462, 463, 478 and 529-530	Edited by John Byram, ©		USA ?	# 0-393-97400-6
2000	Temperate Zones	Dept of Agriculture	USA Gov	USA	
1980	A Golden Thread: 2500 years of Solar Arch....	K. Butti & J Perlin	Chesire Books	Palo Atlo CA.	0 442 24005 8 or 0 917352 07 6
1969 CE/AD	Worlds Around the Sun	Lee Edson with Carl Sagan	Smithsonian Institute	N.Y. USA	SBN#: 8281 0001 2 Lib Cong # 69 16305
1200 BCE/BC	Book of Genesis Holy Bible	Abraham/Moses	Holy Spirit	Middle East	Public Domain

B. THE SPHERES

The basic workings of the Earth are not just spheres as they are traditionally known but more so complex spheres and systems. Ie:

The Geosphere = The Geosystem

The Hydrosphere = The Hydrosystem

The Biosphere = The Biosystem

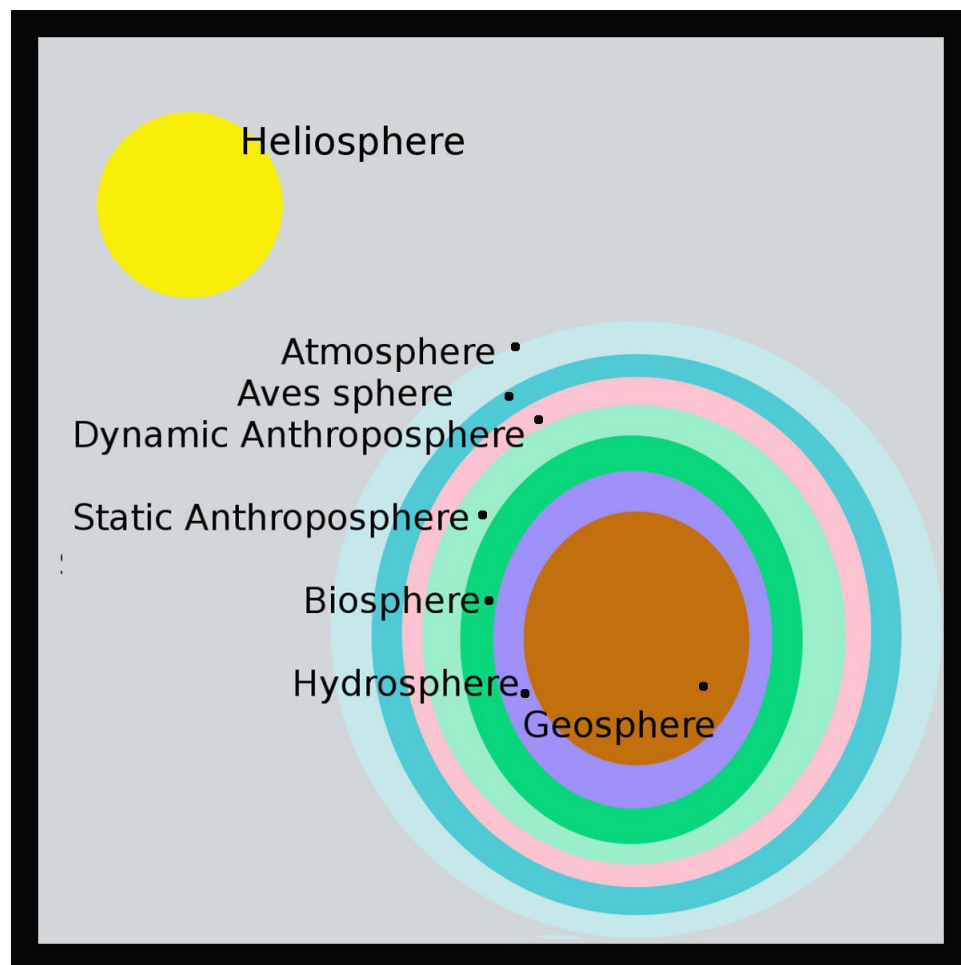
The Anthroposphere = The Anthroposystem

The Aves-sphere = The Aves-system

The Atmosphere = The Atmos-system

The same view as our much larger solar system. These large and complex earth system could collectively thus constitute a super system much in the way the amalgamation of the continents 200 million years ago on Earth constituted the Pangaea super continent.

In homage to such then this, the modern interconnectedness of the current 7 continents via the hard wiring and technologies and transportation systems could right be called and coined the Pangaea II Supersystem. The first global species of this Earthy system though would most likely have been bird in their sometimes global seasonal and yearly migration patterns around the earth.



HISTORY

Definition: noun 1. a branch of knowledge that records and interprets past events. 2 past events considered as a whole

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J. The Early Modern Period (1450 to 1750 CE)	pg 226
(The Long 16th Century)	pg 228
(500 CE Years to 1450 CE.) (The Feudal System)	pg 230
I. The Post Classical Period The Dark Ages, The Middle Ages	
H. The Classical Period, Iron Age “Christ Legacy” (30 CE to 500-600 CE)	pg 232
G. The Classical Period, Iron Age (1000-800 BCE to 30 CE)	pg 234
F. The River Valley Agriculture Civilizations, 2nd Holocene Epoch, Bronze Age (10,000 Years BCE)	pg 236
E. The Neolithic Revolution, New Stone Age (30,000 Years BCE)	pg 238
25,000 years since the disappearance of Neanderthal traits from the fossil record, 13,000 years since the disappearance of <i>Homo floresiensis</i> from the fossil record,	
D. The Estate of Community (80,000 Years BCE)	pg 238
C. The Estate of Family/Adam & Eve, Paleolithic or Old Stone Age	pg 240
200,000 years of anatomically modern humans	
B. The Estate of Nature/Mammals, Mesozoic & Cenozoic Eras	pg 241
200 million years of mammals, 150 million years of birds, 130 million years of flowers, 65 million years since the dinosaurs died out, 2.5 million years since the appearance of the genus <i>Homo</i> ,	pg 241
A 2. The Estate of the Beginning of Life	pg 242
3.4 billion years of stromatolites demonstrating photosynthesis, 2 billion years of complex cells (eukaryotes), 1 billion years of multicellular life	
600 million years of simple animals	pg 241
570 million years of anthropods (ancestors of insects, arachnids and crustaceans), 550 million years of complex animals, 500 million years of fish and proto-amphibians, 475 million years of land plants, 400 million years of insects and seeds, 360 million years of amphibians, 300 million years of reptiles	
A 1. The Estate of Prehistory/Oceans, GENESIS	pg 242
3.6 billion years of simple cells (prokaryotes),	
References.....	pg 243

GENERAL EARTH HISTORY

O. 21st Century : The Present , 2009 and 2013, The Security Period

		Static Anthroposphere			Dynamic Anthroposphere	
Year 1	B Phys S & Math & L.S.	Architecture	Electricity, Science, Tech, Internet	Governance, Politics, History, Law	Philosophy, Religion, Education, WWW	Community, Daily Life
Budget Port. \$	90/360	35/225	20/225	70/225	15/225	10/225
2010 AD/CE	In March of 2011 an earthquake and tsunami occur in Japan and a nuke plant is destroyed and 20,000 people are lost and the Nation is seriously rethinking its energy policy. -Crop monitoring by satellite occurring.		- Apple founder Steve Jobs dies -Bill Gates foundation continues charity work. - D. Camelot invents sand gravity battery.	-Duke and Duchess of Cambridge wed . -At 7 billion humans, humanity has been somewhat over successful in terms of its living but humanity is not within the means, compatibility and biocapacity of the Earth and which can only realistically support and sustain about 5 billion humans at the current quality of life and standard of living and so, such as population reduction or rationing, may have to be a preoccupation of the days, years and road ahead.		Natures Hand Company Alberta officially formed and registered.
			- cell phs become ubiquitous including many household electronics in hand held device.	-Arab Spring begins. -Jack Layton 1940?-2011lo-2012d, NDP Wins official opposition Status of Canadian Gov. Hon. Mr. Layton Succumbs to illness, given State Funeral		
2012A D/CE Mar	Alberta Christian EcoActivist: Wiebo Ludwig passes away for health reasons, Anti-oil patch gardener. (1941 - 2012)			-Queen Elizabeth II signs Commonwealth Charter.		
2012 AD/CE May	April 2012 Novel Pacific rim of fire slip side earthquake sets off quakes and ringing around the Earth. Said to be the 8 to 10 million year continuation of process of creation of a new indo Australian tectonic plate. Large horz 8.2 r quake					
2012 AD/CE July	50 th Anniversary of Rachel Carson s silent Spring Book.			- Syria civil war remains unresolved. 100,000 killed thus far and chem weapons used.		
2012 Sept	27 Oct. 1/63 years 7.7 mag earthquake strikes West Coast of Canada around the full moon and unprecedented Arctic ice melt and rising oceans.			-Alberta's beloved Former Premier , E. Peter Lougheed passes away from natural causes (1928b-1978pr?-2012d) Alta holds its first State Funeral - Senate scandal plagues CA Gov..		
2013 Jan	-trees life cycle increasing in response to climate change. - Fires and flooding increasing.		-Japanese scientists invent plastic to oil machine.		-Pope Francis tires to quell scandals in the Roman Catholic church.	
2013 June	1/1000 year flood occurs in S. Alta			- Prince George of Cambridge born in Britain to Will and Kath.		
2013 Sept	- Japan shuts nuke plants indefinitely					
2014	-water diamond with encased earth meteorite find at Brazil and u of a suggests super heated oceans at middle of the earth					

HISTORY

O. 21st Century : The Present, 2009 and 2013, The Security Period

Dynamic Anthroposphere 225/360					45/360	
Year 2	Sensory, Business Economics	The Arts	Transportation , Oil	The G 20	The Aves sphere	The Atmosphere
Budget Port	33/225	7/225	30/225	5/225	30/45	15/45
2010 AD/CE	-Austerity measures troubling Europe.	- <i>Many books now published on line</i>				Humanoid Robonaut 'R2' arrives at ISS first humanoid in space.
2012 AD/CE May						In 2012, a Solar eclipse occurs and then a rare Transit of the planet Venus across the Sun. We have become fairly good at predicting such things, though the future, as always though is uncertain, though we must eventually give it the benefit of the doubt, that it will act in the best interests of humanity, its various life forms and the Earth and Solar System and Universe as a whole and that the maturation of the human race may eventually lead to more mature, seasoned and adept sojourns into the new and great frontiers of the galaxy and heavens.
2012 July	- Internet disrupts biz models of biz, media and arts.	<i>David C. writes song "Something2"</i> <i>David writes N.. Armstrong Tribute Piece "The Last Song"</i>				-Curiosity planet rover lands on Mars , 6 August 2012. Sunday, 26 August 2012, -NASA Apollo Moon Astronaut Com. Neil Armstrong passes over. USA lowers all State Flags. Given National Ceremony. Buried at SEA. G O D speed Sir Armstrong ("The Eagle has landed") -Aug . Voyager 1 space probe probably has left the solar system.
2012 Sept						Curiosity rover reconfirms presence of water on Mars.
2012 Nov/Dec						Canadian Chris Hadfield set to command the International Space Station.
2013 Feb						Asteroid makes very close pass of earth and moon
		- <i>first music video made in space by Chris Hadfield</i>				Ion propulsion and solar sail system for star ships being developed.
2013 June						Japanese speaking robot boards space station.
2013 Sept/Oct				G20 meeting sidetracked by crisis in Syria with chem weapons		365 day video cam being installed on Space station.

HISTORY

N. 20th-21st Century C: 1990 to 2008 CE, The Internet Period

		Static Anthroposphere			Dynamic Anthroposphere	
Year 1	Phys S & Math & L.S.	Architecture	Electricity, Science, Tech, Internet	Governance, Politics, History, Law	Philos, Religion, Educ, W3	Community, Daily Life
1990 AD/CE	-the Gaia Trust and the Global Ecovillage Network GEN are set up by Ross and Hildur Jackson of Denmark. -James Lovelock continues his work on the Gaia Theory. Priest Thomas Berry continues his Great Work book and works. - Iraq invasion of Kuwait and subsequent UN and USA intervention cause the largest scale oil disaster in history when oil wells set on fire by departing Iraqi troops.		-Y2K computer clock scare concerns media and internet	-A Global Nuclear Weapons Non-Proliferation Treaty is signed and ratified by most Earth Nations and weapons of mass destruction production, research and use is mostly banned and made criminal as it is found and understood by the International World Court and most Nations, that their existence and potential use are repugnant and an abomination to the Rule of Law and Civil Society and even as deterrents represent a potential and probable condition of mutually assured self destruction. - Politician Hermann Scheer brings his feeder tariff law for solar energy into Germany.		-Cuba because of oil embargo forces its Gov into its Special Period, becomes more self sufficient and green. -Deidra Dionne wins the freestyle skiing Bronze Metal at the Winter Olympics in 2000. - New Age movement occurring.
2001-03 AD/CE	-The practice and science of Nature-Scaping begins in Alberta, Canada - In the USA, NIH Human Genome Project sequences the human DNA at the year 2003.		-Google, internet search engine emerges as big biz player.	-The World Trade Center Twin Towers plane crashes on Sept 11, 2001, 3000 die precipitate the Afghanistan and Iraq wars. -The ideas and concepts of "minority rights" and "proportional representation" are beginning to enter the debate, as improvements to the democratic method, process and theory.		-A Star of David, crop circle appears near Red Deer, AB.. -Harmonic Concordance takes place.
2004 AD/CE	-The Indonesian quake/Tsunami Richter Scale 9, on Dec 26, 2004, cause a slight shift in the Earths Rotation. -In 2004, the IERS Reference Meridian or Geoid at the Royal Observatory in Britain is established with sea level being at 336.3 feet below it. -Greenhouses, organic gardening and Permaculture gain ground. -Acidification of oceans occurring. - D. Camelot conceives of Greenouts.		The global adoption and use of the World Wide Web as developed by CERN in the 1990s continues to play an increasing role in billions of human lives on the planet as a whole new born generation is introduced to a technology as new as TV was in the 1950s.	- Prince Charles continues Humanitarian activities.		
2007 AD/CE	-In 2007 the Earth Hour event starts in Australia. - Genetically modified seeds and foods are increasingly frowned upon.	-The Building Green perspective and book is published.				
2008-09 AD/CE	. The Natures Hand 'Ecodeclaration of Values,' 2008 is written. Harper Collins publishes "The Green Bible." - Ecuador votes to become first Nation to enshrine "Nature Rights" in its Constitution. In 2009, concerns about the weather, climate and clean energy continue to press for the greening of the planet. -1 in 372 year lunar eclipse on the winter solstice occurs. - Nations agree on rights for nature.		-DNS hole internet design flaw causes scare.	-USA elects first Black President B. Obama -Nations agree to Copenhagen Accord. In 2010, -China's increasing role in the world is becoming apparent as it modernizes to somewhat of a more urban society and many goods are manufactured there and in India as well. The allure of Democracy though is strong as well though, as the desire for a strong economy and the interplay of these two and else continues to shape the politics and civilities of human and international society. -Iceland becomes snubbed by the global economic community due to the global debt crisis but is voted number one on the Global Peace Index.		

HISTORY

N. 20th-21st Century C: 1990 to 2008 CE, The Internet Period

Dynamic Anthroposphere

Year 2	Sensory, Business Economics	The Arts	Transportation , Oil	The G20	The Aves sphere	The Atmosphere
1990 AD/CE		-1918-2000 Alfred "Al" Wellington Purdy, poet muse of Canada passes over. -"I am coming like a thief" Bible Billie Keith Hughes dies in Cal. USA Earth (1948-1998)		-The G 20 global governing body is established. --20 Nations from around the world form as a global governance body of of the UN concept perhaps of the early 1950s and the prior G7 & G8 bodies. Have yearly meeting in various places and with various ministers.		-1990 Hubble Space Telescope launched into Earth orbit. -Then in 2000, the International Space Station "Alpha" was constructed in orbit around the Earth via the space shuttles
2001-03 AD/CE		Church Council Member and Wood Artist, R. Jonas, starts his Marquetry woodwork pieces.				The Blue Planet movie, from the International Space Station and IMAX films is released.
2002 AD/CE		The CBC, and CKUA Community Radio Station in Alberta, continue in their work to promote and keep Canadian Culture alive.				
2003-04 AD/CE	- D. Camelot observes unsustainable economic growth and unbalanced books.	-Harry Potter book series popular. - Summer music festivals become popular.				Feb 2003 Columbia space shuttle explodes on reentry due to damaged heat shield.
2007-08 AD/CE	-April 2008 D. Camelot proposes controlled economic breakdown. -The concepts & formation of ecobudgets, natural capital, environmental economics, biocapacity, nature services & whole cost accounting are being developed in order to present and argue that the economy is a subset or equal to the environment & not the other as argued in Classical economic theory - Global Economic downturn occurs due to various reasons.		- pipelines and fracking come under more public scrutiny.			On August/12, 05/31, Tuesday/7, of 13.700,002,008, Earth, it was remotely confirmed by NASA, that some ice & water had been found on the North pole of the Mars, the fourth & red planet of our Solar System.
2009 AD/CE	- D. Camelot proposes price and interest rate freeze.		-BP oil leak in Gulf spoils fish and environment.	Emergency G20 meeting to discuss global financial crisis		

HISTORY

M. 20th-21st Century B: 1945 to 1990 CE, Cold War Period ****

		STATIC ANTHROPOSHERE			DYNAMIC ANTHROPOSHERE	
Year 1	B Phys S & Math & L.S.	Architecture	Electricity, Science, Tech, Internet	Governance, Politics, History, Law	Philos Religion, Educ, W3	Community, Daily Life
1945 AD/CE		At 1945, Frank Lloyd Wright builds in organic architecture style. Guggenheim Museum.	The speed of light agreed to be about 299 792 458 m / s.	1950s- The Cold War and Nuke proliferation (MAD) begins and ends around 1990 with the 1986 Chernobyl accident precedent and then the fall of the Berlin wall in Germany and German reunification.		
1947-49 AD/CE	The circumference of the Earth is calculated and established to be about 24,000 miles around the South and North poles, and the diameter of the Earth at the equator is set at about 8000 miles.		-Plastics in common use will prove hazardous for environment.	- Mahatma Gandhi liberates India from British rule. Feb. 1949, -Beijing, China, surrenders to Peoples Party. -Elizabeth II b. 1926 - 1952q- ? Queen of Great Britain & N Ireland & Monarch of Canada reigns since 1952.		
1955 AD/CE	-Acid rain and CO2 proving problematic.	-In 1959, the Findhorn Ecovillage at Scotland, is established by Dorothy Maclean, & Eileen & Peter Caddy.	-TV & Nuclear Power are invented & in 1954 Bell Labs creates the first silicon solar cell. -1960-International System " system of global measures adopted in 1960.	-(1897b-?pm-1972d) CA Statesman Lester B. Pearson UN President and CA Prime Minister received Nobel Peace Prize 1957 -(1917b-61p?-63d/a), USA President J.F. Kennedy averts Cuban missile crisis with USSR. Vows to send man to the Moon. -Vietnam War polarizes Americans	- Albert Schweitzer gives his 'Declaration of Conscience' speech in Oslo, Norway 24 April 1957.	-1956b- ? David E. Camelot born in Edmonton Alta CANADA
1967 AD/CE	-Dr. C N Barnard performs first human heart transplant in S. Africa			-Canada celebrates its 100th birthday, July 1, EXPO 67 -P.E.Trudeau, Elected Canada's Pm 1969	-term "metadata first used	- Flower power, love and peace movement in USA
1972 AD/CE		-The Eminent Queen Noor of Jordan, studies Architecture, in the USA.	Jane Goodall works with & studies chimps.	-the concept of "bioregionalism" begins.		-In 1972 Canada wins over Soviets in hockey series. -Canada gets a new red & white flag, featuring a stylized red maple leaf.
1975 AD/CE	The John Janzen Nature Center starts in Edmonton, Alberta. -Kerry Wood establishes his Nature Reserve in Red Deer, Alberta. -Chief Dan George uses his media success, to advocate for Nature. -Ralph Edwards does his nature work, with the trumpeter swans, at Lonesome Lake, in the Province of BC, CA.	In 1975, the New Alchemist Institute is set up in Eastern Canada, by John and Nancy Todd. -1978 D. Camelot builds solar log home in Robb AB		- 1904-1986: Hon Tommy Douglas Canadian NDP Leader helps bring in Universal Health Care and many Social Justice measures to Canadian Gov. and society		In 1976/77 Fanshawe College in London, Ontario offers a "blind weekend ", in one of its programs. -Survivor, Terry Fox runs his Marathon of Hope.
1979 AD/CE	Malsipina College on Vancouver Island, B.C, CA., offers an Organic Gardening course.			-Restorative Justice is undergoing development.	- Mother Teresa wins Nobel Peace Prize	
1982 AD/CE	"Butterfly" in California, USA, does a sit in in a tree, to protest its proposed cutting down. Green Peace Organization still continues their Nature advocacy.	1980 A Golden Thread, a 2500 year history of Solar Architecture and Energy published by Ken Butti and John Perlin, USA	A 5 million – year-old jawbone of "Australopithecus afarensis" is discovered in Kenya; this is the oldest non ape relative to us?	-The Canadian Charter of Rights and Freedoms and the Patriation of the CA. Constitution, worked on by the Late Honorable PM Pierre Elliot Trudeau 2000d?, is effected & enacted. -Ronald Reagan and Margaret Thatcher major political players. 1939-84, AB, NDP leader, G. Notley dies.		1984- Edmonton Oilers win hockey's "Stanley Cup". -Chernobyl Nuke accident in Ukraine, helps end Cold War. On April 26, 1986.
1983-90 AD/CE	Emergency efforts 80 nations undertaken to close the holes that had appeared in the Earths ozone layer.		The Internet is created using the global TCP/IP protocol on Jan 1, 1983.	-Cree MLA Elijah Harper helps defeat CA Meech Lake Accord in 1990. -In 1990 Mikhail Gorbachev President of Former USSR PM wins Nobel Peace Prize -Tienanmen Sq student demos China -Fall of Berlin Wall, Iran/Iraq wars – 1918 – 2013 , 1990 Nelson Mandela wins freedom for South Africa.	John Paul II becomes first Pope to visit a synagogue in 1986	1987 Harmonic Convergence takes place in August

HISTORY

M. 20th-21st Century B: 1945 to 1990 CE, Cold War Period ****

Dynamic Anthroposphere					
Year 2	Sensory, Business Economics	The Arts	Transportation, Oil	The Aves sphere	The Atmosphere
1945 AD/CE		-tape recording and later multi-track developed			
1947-49 AD/CE		Billie Keith Hughes Born In USA, Earth	-1947 The Kon tiki experiment, raft by T. Heyerdahl sails from south America to Polynesia	-1947 Americ. Aviator Odom flies around the world in 73 hr, 5 min	- "Flying saucers" reported in USA - Most severe winter in Britain since 1894
1954 AD/CE		" 'A' pitch" = 440 Hz was set from 431 Hz, as the standard reference pitch, for music.			
1956-57 AD/CE		Robert Frost publishes his Nature Poetry.	May 1956 4 French Can. Sail Atlantic in 85 days in 9 log cedar raft " the wanderer.		1957-U.S.S.R launches Sputniks first Earth Satellites
1960-69 AD/CE		-1962-Artist Karl Weiser paints his colorful "Sun-flowers" artwork. -Karen Kain (1951 - ?) Dances with the National ballet of CA -1963-The fab 4, pop rock group "The Beatles" play pop rock in Liverpool, England. -At 1969, the Woodstock Art and Music Festival occurred in the USA, with an attendance of 1/2 million people in a farmers field.	The St. Lawrence Seaway in Eastern Canada, is built in 1959. 17 May 1970 RA II Norwegian T. Heyerdahl reed boat sails from Morocco to America.		1961-Yori Gagarin (USSR) in 16 ton satellite and then Alan Shepard (USA) first humans to orbit the Earth 1969-The United States NASA, lands Astronaut Neil Armstrong on the surface of Earths Moon.(1930 - 2012)
1972 AD/CE		-Whole Earth Catalog Published. By Stewart Brand -Magic of Findhorn written by Paul Hawken.			
1975 AD/CE		-1975 Jazz Pianist Keith Jarrett gives his legendary "Koln Concert" in Germany -The New Pioneers Handbook, by James Bohlen, is written & published which explores some of China's ecoworks.	High speed bullet trains being developed		-1976 Britain fights worst drought on record.
1982 AD/CE		At 1982, "US (music & tech.) Festival" occurs in California, USA	-Fuel efficiency and safety is increased in cars.		
1983 AD/CE		-synthesizers,cds, digital and disco music popular			
1984-86 AD/CE		- In 1984, a Global concert telecast from various sites around the world and called "Band Aid" raises millions \$\$ and awareness for a severe famine in Ethiopia, Africa. -1986-Colorization of old b/w movies debated -Robert De Niro stars on Broadway in "Cuba and his Teddy Bear" in 1986 Extensive Leonard Bernstein (US) festival held in London in 1986 -D. Camelot writes the Living Light.		1986- Dick Rutan and Jeanna Yeager in the aircraft "Voyager" make the first nonstop flight around the Earth without refueling and take nine days.	Space shuttle "Challenger" explodes on take off in 1986 -1987 Huge tornado in S. Edmonton AB. kills about 20.
1990 AD/CE		- D. Camelot starts Sphereopedia Book			

HISTORY

L. 20th-21st Century A: 1914 to 1945 CE, World Wars Period 4th Ecocene Epoch

		Static Anthroposphere		Dynamic Anthroposphere		
Year 1	Phys S & Math & L.S.	Architecture	Electricity, Science, Tech, Internet	Governance, Politics, History, Law	Philosophy, Religion, WW, Education	Community, Daily Life
1920 AD/CE	-1917 Albert Schweitzer, Funds and setups a hospital in Gabon, Africa. - the Red Deer River Naturalists start a natural history organization			-1914 to 1918 "THE GREAT WAR" Turning point in Governance and Society German loss, Russian revolution, end of Czars, Rise of Nationalism on Earth. -1914 – 1939 Rise of Nationalism in Asia -1929-1939 The Great Depression	the United Church of Canada is established	
	-Grey Owl gives lectures and publishes on the plight of the beavers & Nature. - In around 1920, Sir F.G. Banting helps discover insulin			-First Labor Party replaces Liberal Party as Gov in Great Britain in 1924.		
1930 AD/CE	The alteration of the Global Nitrogen cycle by humans through the fixation of atmospheric nitrogen for use of fertilizers and by the burning of fossil fuels. -Penicillin is discovered as an antibiotic aide against disease.	"Solheimar" 1 st ecovillage started by Sesselja Simundsdottir in S.W. Iceland. Has 100 ecocitizens and 20,000 visits per year.		-It was around this time that the invention of mass marketing, mass production, the assembly line and consumerism gave rise as a side effect or accident to the inception of the Middle Class in 20th century Europe and mostly America, then on to Japan and today in China and India. This was fueled and powered in large part by the discovery of electricity, the steam engine and cheap oil and gas and spurred on by radio and mass media. England enacts the statues of Westminster, to address the needs and demands of its various colonies in 1931. -1894b-1936k-1972d, (1936) King Edward the VIII, abdicated . -1895b –1937k- 1952d, Dutiful George VI King of Great Britain & N Ireland & Monarch of Canada and Emperor of India reigns.	- Albert Schweitzer (1875-1965) Germany/France/ Africa, Discovers and demonstrates his Reverence for Life philosophy.	
1942 AD/CE	-Rachel Carson writes and publishes her Silent Spring (1962) book, on an impending global ecocrisis This work perhaps denotes what might be the official start of the Ecocene Epoch in that the environment in its own right starts to take a foothold in the minds and hearts of the human populous of the Earth			-The Two World Wars, that had occurred, with Germany where many Jews were lost and Japan where 2 atom bombs were dropped, ended, but had had somewhat of a constructive outcome, in that they led to the development of the United Nations and the signing of the Geneva Convention and the United Nations Human Rights work. - Coldwell and Woodsworth lay the foundations for the NDP party in Canada and social justice and old age security and pensions.		-During war meat, coffee, sugar and shoes rationed at times in USA and elsewhere. -The Famous Canadian Blue Nose sailing ship, wins many world sailing regattas.

HISTORY

L. 20th-21st Century A: 1914 to 1945 CE, World Wars Period 4th Ecocene Epoch

Dynamic Anthroposphere					
Year 2	Sensory, Business Economics,	The Arts	Transportation , Oil	The Aves sphere	The Atmosphere
1920 AD/CE		-1913 Lebanese American mystic poet Khahil Gibran writes <i>"the Prophet,</i> -1923, Mystic German Poet Rainer Maria Rilke writes. -Max Ehrmann writes his inspired <i>Desiderata</i> prose.	- Crude boats may have been used as early as 20,000 BCE -Trains, Steam liners Automobiles and bicycles are replacing horse drawn carriages and sailing ships		- Henrietta Swan ? Works as computer and discover way to gauge distance of stars at Harvard university.
	- Great Depression occurs in USA with stock market collapse and Pres T. Roosevelt's New Deal policy thus developed	<i>The Group of Seven, Canadian Fine artists develop their distinct impressionistic art style</i> <i>-phonograph vinyl records developed.</i>		Humans develop air flight. First Global Flight took 2 years in 1928-1930 by Kingsford-Smith and the Southern Cross	- Dust bowl and drought conditions occur in USA Midwest and Canadian prairies due to climate and bad farming practices.
1935 AD/CE		1900 – 1990 USA Composer, Aaron Copland compose his classical works, ie: <i>Fanfare for the Common Man</i>			
		-Canada's, Emily Carr fine artist, paints in quasi Native motifs.			
		-Blues, Folk, Jazz and Big Band music popular			

HISTORY

K. The Long 19th Century (1750 to 1850 CE)

		SOCIAL		SCIENCES
1. YEAR	PHYS S MATH L S	HISTORY/ POLITICS	LITERATUR E/ THEATER	RELIGION/ PHILOSOPHY/ LEARNING
1750 CE/AD		-1738b-1760k-1820d, George III King GB -1763 Royal Proclamation Can. Native Magna Carta signed by King G. III -July, 1776, the US of A, founded as a Republic by Thomas Jefferson & company and George Washington becomes first President.		
1785 CE/AD	-John James Audubon (1785-1851) USA Nature Artist paints wildlife and Henry David Thoreau (1817-62) does his Nature sojourn into USA Walden woods and publishes about his experiences.	-The Constitutional Act of 1791 by the British Parliament, creates Upper and Lower Canada. -Napoleon conquests occur in Europe. -1765b-1830k-1837, William IV King of Great Britain & Ireland, Son of George III -1800 Chief Seattle, Suquamish leader who befriends settlers of the Pacific Northwest.		The Dutch traders and financiers create the inklings of a global economic structure.
1800 – 1867 CE/AD	-David Thompson surveys & maps Western Canada. -Alfred Russel Wallace parallels with Charles Darwin who publishes the evolution theory. - The Principal or Winnipeg Meridian is devised in 1869, as the backbone longitude, of the survey system of Canada, & = 97°, 27', 28.41" at 4" spacing thereafter.	- 1818 CE British East India company controlled the territory of 180 million East Indians. - 1 Jan 1863 Abraham Lincoln frees slaves in USA . With Emancipatory Declaration - On July 1, 1867, Canada, became a Dominion of the British Empire and Sir John A. Macdonald became its first Prime Minister. T.D. McGee f of c and visionary assassinated -Victoria (1819 – 1901) Queen of Great Britain & Ireland and Monarch of Canada and Empress of India reigns, she was the niece of William IV and Edward the VII was her son. 4 th daughter "Alberta" ranches in what becomes province of Alberta.		-The Baha'i Faith begins around 1830 through the Prophets Bab and Baha 'u' llah and professes to one world, one governance, one faith doctrine and the oneness and specialness of humanity with fasting and prayer. -(1809-1892) Poet and Mystic, Alfred Lord Tennyson writes his inspired works.
		THE INDUSTRIAL REVOLUTION	1850 AD/CE	TO 1914 AD/CE
1885 CE/AD	The water ways become a major means of transport, commerce and industry in Canada.	-French Revolution in France. -Metis Leader Louis Riel leads rebellion in CA West. - Last Spike driven in track by D. Smith, marks the completion of the Canadian Pacific Railway in BC. CA. in Nov. 1885.		1890 CE start of the Dewey Decimal Book classification system.
1900 CE/AD		-Elegant and Sporting, 1841-1910, Edward VII, 1901 – 1910 King of Great Britain and Ireland		
1905 CE/AD	-The 49th Parallel is established as the border between the USA & Canada. -The concept of Standard Global Time Zones was developed by Sir Sandford Fleming & implemented around the Earth.	-The Rule of Law & Democracy via Parliamentary Procedure continue to be adopted around the Earth. In 1905, -Alberta & Saskatchewan become Canadian Provinces.		
1910 CE/AD		-1865-1936 (1910-1936) George V, King of Great Britain, and Northern Ireland and Emperor of India, Gave up his German titles (Hanover) during WW I. -House of Windsor 1917-2013 Great Britain begins		
1911		-Nationalist movement in China begins with the overthrow of Qing Dynasty.		

HISTORY

K. The Long 19th Century (1750 to 1850 CE)

SOCIAL		SCIENCES		
2. YEAR	VISUAL ARTS	MUSIC	SCIENCE/ TECHNOLOGY/ GROWTH	DAILY LIFE
1750 CE/AD		Mozart (1756-1791) Austrian Composer and Performer writes his Great Classical Classics.	-1750, American Benjamin Franklin conducts extensive electrical experiments -Captain James Cook (1728-1779) English sailor sails and circumnavigates the Earth in 1768	
			Taxonomy system devised by Carolus Linnaeus	
1800 CE/AD		Beethoven; Ludwig van (1770 – 1827) German composer whose music formed a transition from classical to romantic composition.	Hand washing is observed & practiced to be a good deterrent against the spread of disease. Watt and Joule propose much in Physics and Engineering	
		THE INDUSTRIAL REVOLUTION	1850 TO 1914 AD/CE	
1869 CE/AD			Elements Table devised by Dimitri Mendeleev in 1869	-1885 AD/CE Super Nova in Andromeda galaxy seen by L. Gully & I. Ward.
			-1888 G. Eastman perfects "Kodak" box camera -1888 N.A. Telsa constructs electric motor. -1896 Wilhelm Rontgen discovers x rays.	
			-1847 -1922, Scottish Canadian Alexander G. Bell invents telephone. -1847-1931 American Thomas Edison invents light bulb, power plants and grid.	
1890 CE/AD		English composer Gustav Holst 1874-1934, noted for composition of his expansive orchestral suite "The Planets"	1874-1937 Italian G. Marconi does pioneering work with radio. 17 Dec 1902 first transatlantic radio transmission -1888 G. Eastman perfects "Kodak" camera	Lake and river fed, steam and gravity water pumping, reservoirs, treatment, distribution and irrigation pipe and canal systems come to Canadian urban and agricultural areas in the early 1900s. The industrial & motor age or revolution was beginning and expanding.
1912 CE/AD			-N.A. Telsa construct electric motor -Invention of the mechanical engine	-Titanic largest ocean liner at time hits iceberg and sinks on her maiden voyage killing 1513 people. Apparent fire previous on board in engine room.

HISTORY

J. The Early Modern Period (1640 to 1750 CE)

		SOCIAL		SCIENCES
1. YEAR	PHYS SC MATH L S.	HISTORY/ POLITICS	LITERATUR E/ THEATER	RELIGION/ PHILOSOPHY/ LEARNING
1640-1700 CE/AD		-1603-1625, James I and Stewart regents -1657 – 1665, The Cromwell's regent, -1650 CE, Ming Dynasty ends in China by Conquest from Southeast Qing Dynasty begins., manchu -1660-1685, Charles II ? IV? -1689-1698, William III & Queen Mary II Co- Monarchs in England at war,Orange -1689-98 Count Louis de Frontenac Ruler/Governor of Canada - 1702-1714 Queen Anne of England	-1605-1682 <i>Englishman Sir Thomas Browne writes : 'Pseudodoxia Epidemica' on scientific inquiry</i>	King James publishes his Bible in 1611 CE.. In 1690 CE, English Philosopher, John Locke writes his " <i>Essay Concerning Human Understanding</i> ," which sets out the principles of empiricism and he also speculates and argues on how democratic majority vote and choice is the legitimate basis of the social contract which diminishes the argument in the prior "divine right of Kings" premise.
1750 CE/AD		1714-1901 Royal House of Hanover -1683b-1727k-1760d, George II King of Great Britain and Ireland and Hanover, Dettingen battle In Russia, wheat is developed as a major export and cultural attributes of the west like ballet etc are adopted. Russia expansionist ambitions continue to the South, East and West as a stay against the Mongols and to appease Czarist ambitions. Peter the Great embarks on his westernization of Russia and the orthodoxy Eastern Church continues its predominance there with the rise as well as a Muslim minority component.	-1709-1784 <i>Samuel Johnston writes influential 'A Dictionary of the English Language.</i>	The separation between Church & State is occurring & the concept of a Nation/State is developing as well as the further refinement of Parliamentary process and protocol.

HISTORY

J. The Early Modern Period (1640 to 1750 CE)

SOCIAL		SCIENCES		
2. YEAR	VISUAL ARTS	MUSIC	SCIENCE/ TECHNOLOGY/ GROWTH	DAILY LIFE
1640- 1725 CE/AD		(1675? - 1741) Ital. Composer Antonio Vivaldi writes his Four Seasons symphony, the first "programmed" music.	Sir Issac Newton proposes much in Science.... Philosophiae naturalis 1727	The first prisons are developed in the West & the ranking system & refined training of the western militaries takes place.
1750 CE/AD		(1685-1750) J. S. Bach, a much noted German Composer and organist of the late baroque period creates much.	The scientific revolution and scientific method have begun and are developed & magic & superstition fall into disrepute and disfavor.	Consumerism is developing in the world.

HISTORY

The Long 16th Century (1450 to 1640 CE)

		SOCIAL		SCIENCES	
1. YEAR	PHYS SC MATH L S.	HISTORY/ POLITICS	LITERATUR E/ THEATER	RELIGION/ PHILOSOPHY/ LEARNING	
1450 CE/AD		-1461- 1485 Royal House of York begins in England, Edward IV & V, & Richard III Kings. -1485-1603 Royal House of Tudor begins in England , Henry VII & VIII & Edward VI -1403b-1422k -1461d.- Charles VII, King of France ends the Hundred Years War in 1453		-At 1,450, in Europe, the Renaissance began by way of artists like Leonardo Da Vinci, 1452-1519, Michelangelo, and Goldsmith Heinrich Jonas, but this serves mostly, in a way, for the Western Societies to catch up to their Chinese, Indian and Middle Eastern counterparts, in terms of cultural and civil attributes. -1466-1536 AD/CE Erasmus of Rotterdam Christian humanist lives and writes.	
1492 - 1528 CE/AD	The first terrestrial globe constructed by Nuremberg geographer Martin Behaim (1459 – 1507) .	The Americas to the West were rediscovered by Christopher Columbus for Spain in 1492 CE and the exploitation & export of American goods especially silver gives the West a commodity for trade in China and India -1498 to 1805 CE Mugal Empire in India by Babar Turk Ruler	<i>The Nuremberg Chronicle, an illustrated world history from Creation to then, by Hartmann Schedel (1440 – 1514) published in Latin and German</i>	-Reformation took place by way of monks/friars like, Martin Luther but this division ultimately serves to weaken the Churches influence and the push is on for the Merchant Class and the commercialization of cottage industries to meet global markets. -Around 1520s CE, the Anabaptist Faith sect develops in Germany under Thomas Munzer (1489 - 1525), furthering splintering later, into the Hutterites, the Mennonites and the Amish.	
1530 CE/AD	In around 1500, Polish born, Nicolaus Copernicus after careful scientific observations, reasserts the heliocentric understanding of the Universe, later affirmed by Galileo Galilei.	- 1537 -1553, Edward VI, King of England and Ireland 1547-1553, Son of Henry VIII - 1553 – 1558, Queen Mary the I and Philip Co- Monarchs of England and Ireland. - 1548-1600 CE Italian Friar and Astronomer Giordano Bruno martyred for his proposal that the sun just another star. 1558-1603, Elizabeth the I reigns in England and Ireland, daughter of Henry 8 - 1603 – 1649 & 1660-1714, Royal House of Stewarts/Stuart, begins in England	<i>-William Shakespeare writes.</i>	These generally peaceful, agricultural and communal peoples, often faced persecution at times, due to their simple and pacifist beliefs i.e.. strict separation of Church and State, Adult Baptism, the Nuclear Family etc. and eventually over the years immigrate en-mass to the USA and Canada. -Society of Jesus formed Jesuits. -1494-1536 AD/CE William Tyndale works on an english translation of the bible 1528 , that later become the major basis of the 1611 King James Bible.	

The Feudal System (1290 – 1450 AD/CE)

		SOCIAL		SCIENCES	
1. YEAR	PHYS S MATH L S	HISTORY/ POLITICS	LITERATURE/ THEATER	RELIGION/ PHILOSOPHY/ LEARNING	
1290 CE/AD		The Knights Templar provide protection to the Pilgrims on the Crusades to the Holy Lands and the battles between the Kings and the Popes of Europe rages. See "The Crusades" by Geoffrey Hindley Pgs 261 to 280 1272 – 1377 Edward I,II and III Kings of England Europe gains Chinese gun powder. 1367 – 1400 Richard II, King of England,1377 - 1399 - 1399 – 1461 Royal House of Lancaster in England begins. Henry IV,V, & VI, Kings -1368 CE Ming Dynasty replaces Mongul Dynasty in China.	<i>-Djaleleddin Rumi, Persian poet,</i> <i>-1247-1318 AD/CE Rashid ad Din Hamadani, writes frist world history, Jami Al Tawarikh 1305 CE</i> <i>-1350 AD/CE Humanism and renaissnce aspirations begin in Italy.</i>	Around 1273, Saint Thomas Aquinas, Italian theologian and philosopher writes his <i>Summa Theologica</i> where the concepts of Natural Law and hints of the "social contract" appear in the field and matters of governance and political theory (Later further enhanced by Dutch Jurist and Politician Grotius's writings "<i>Of the Law of War and Peace</i>" in 1625 CE.)	
1429 CE/AD	An expanded trade nexus on the Indian Ocean establishes trade routes more so than the Silk Road.	the "Rule of Law", is established as the governing principle of advanced societies. 1429 CE/AD French heroine, 18 year old Joan of Arc led 12,000 troop resistance against English. Secondary City Civs emerge in Japan, Korea, Russia, Europe and the Mid Americas etc..		Hinduism, Buddhism, Islam and Christianity are the religions of many people	

HISTORY

The Long 16th Century (1450 to 1640 CE)

SOCIAL		SCIENCES		
2. YEAR	VISUAL ARTS	MUSIC	SCIENCE/ TECHNOLOGY/ GROWTH	DAILY LIFE
1450 CE/AD		- First printed music	First Fr. Printing press set up at the Sorbonne, Paris. The Gutenberg printing press from China was introduced and aides in the literacy of the Western societies first with religious materials and then with other cultural avenues.	-1480 Cpt Thylde sails to NA turned back -(1450-1498) John Cabot lands at Cape Breton for King Henry VII on June 24 in ship Matthew out of Bristol -1500 Gaspar Corte finds Greenland
1502 CE/AD			Peter Henlein of Nuremberg (1480 – 1542) constructs the "Nuremberg Egg," the first watch	-1524 Giovannida Verranzano sails to NY Bay & Hudson River -(1491-1557)Jacques Cartier lands May 10, at Cape BV meets natives
1519 CE/AD			Ferdinand Magellan crew for Spain , first to circumnavigate Earth	-1572 AD/CE, Super Nova in Milky Way seen by T. Brahe.
1550 CE/AD	Dolphins & swans are noted.		-The first logic machines or computers were starting to be developed. -Magnetic pole use. 1569 Mercator: draws map for navigation "Cosmographia,"	-1608 Founding of Quebec/New France July 3 by Samuel Champlain Anatomists A. Vesalius and W. Harvey advance physiology understanding.
1577-1628 CE/AD	The Taj Ma-Hal mausoleum, in India, is built by Mug-Hal Emperor Shah Jahan, in memory of his favorite wife, Mumtaz Ma-Hal.		-Francis Drake sails around world. 1580, -1586 Thomas Cavendish sails world. -1598 Earth sailed by Olivier van Noort. -Galileo Galilei's telescope use indicates the Earths heliocentricity. -William Gilbert conducts experiments in electricity	-Henry Hudson sails thru Hudson Straits discovers Hudson's Bay -1604 AD/CE Supernova in Milky Way seen and studied by J. Kepler.

The Feudal System (1290 – 1450 AD/CE)

SOCIAL		SCIENCES		
2. YEAR	VISUAL ARTS	MUSIC	SCIENCE/ TECHNOLOGY/ GROWTH	DAILY LIFE
1290 CE/AD				Edward I standardizes the yard and the acre
1349 CE/AD			Europe gains Chinese gun powder.	Black Death spreads from China kills 1/4 to 1/3 populations.
1352 CE/AD				Arab/Moroccan geographer, Ibn Battuta explores Sahara desert
1450 CE/AD		- 1437 John Dunstable develops counterpoint in musical composition	The Bronze Age or metal making in general, might have been said, to be the backbone of modern industry and civilization.	

HISTORY

I. The Post Classical Period

The Dark Ages, The Middle Ages (500 CE Years to 1290 CE.) 3rd Anthropocene Epoch

		SOCIAL		SCIENCES
1. YEAR	PHYS S MATH L S	HISTORY/ POLITICS	LITERATURE/ THEATER	RELIGION/ PHILOSOPHY/ LEARNING
519-540 CE/AD	-543 Disastrous earthquakes shake entire world.	-b?-519k-534d, King Cerdic, Founds House of Wessex -529 CE/AD, Emperor Justinian is said to have written his famous legal texts and code. Codex-Vetus and is said to have included Solar Rights by jurist Ulpian.		-Emperor Wu Ti becomes a Buddhist and introduces the religion to China
540-1016 CE/AD	-1.2 % increase in Carbon 14 found in cedar tree rings in Japan indicating some type of cosmic event , red crucifix in sky Anglo Saxon Chronicles -963 CE/AD The Book of Fixed Stars" by Al Sufi mentions nebula	-540 ? - 604 Gregory I Saint, Pope, Doctor of the Church, 590 – 604, Britain -581 to 618 CE Sui Empire in China by Yang Jian -618 to 907 CE Tang times in China by Li Yuan & Taizu -500 to 1400 CE India's Medieval Age -b?-611k-643d, King Cynegils, King of Wessex -726k-740d, King Aethelheard, King of Wessex - 786k-802d, King Beorhtric, King of Wessex -839k-858d, King Aethelwulf King of Wessex -858k-860 King Aethelbald, King of Wessex -860k-865 King Aethelberht, King of Wessex -837b-865k-871, King Aethelred, King of Wessex -849b-871k-899d, King Alfred of Wessex, writings attributed to King Alfred the Great of West Saxons i.e.. "good governance requires attention & support to soldiers, farmers, priests & workmen." -899k-924, King Edward the Elder, King of Wessex -924k-927, King Aethelstan, King of Anglo Saxons -927k - 939d, King Aethelstan, King of England -939k-946, King Edmund I, House of Wessex K E -946k-955, King Eadred, House of Wessex K E -955k-959, King Eadwig, House of Wessex K E -959k-975 ,King Edgar, House of Wessex K E -975k-978, King Edward, House of Wessex K E -978k-1016 Aethelred the Unready, House of Wessex	-950 AD/CE De Administrando Imperio by Constantine VII on political governance.	-Goods trader, Mohamed, the Prophet, born and writes Qur'an and Hadith and teaches Muslim way. Eventually breaks into sects of Sunni, Shi'and Sufism. Emphasizes fasting prayer and tithing to poor. Becomes popular quickly. -895 CE/AD Earliest Hebrew manuscript of the Old Testament.
1000-1200 CE/AD	"	1000? Norwegian, Lief Ericson arrives at Labrador N Nfl CA -1016k, Edmund, King of England, House of Wes -b?1016-1035, King Cnut, King of Eng, H of Den -1020-1053?, House of Godwin of Wessex, -b?1035k – 1040d King Harold, House of Den -1035?-1040k-1042d, Cnut the Great ,K of Eng, House of Denmark -1004b-1042k-1066d, Edward the Confessor King of England, -1027b?-1066k- 1087d William I the Conqueror, King of England House of Normandy -1082b? -1124k- 1153d, David I, King of Scotland, House of Canmore -960 to 1279 CE Song times in China south, Liao Dynasty in China north Beijing -1120 Chinese Gov first in world to bring in paper money. -1100 CE Chinas population 100 million	-1000 AD/CE The Suda or Souda is a massive 10 th century Byzantine Encyclopedia of the Ancient Mediterranean.	
1200 CE/AD		-The Aztecs leave the Mythical Aztlan, -1157b– 1189k- 1199d Richard I the Lion Hearted, King of England, House of Angevin		-1222 Start of Nithiren School of Buddhism in Japan based on mature teachings of Lotus Sutra and Chants
1215 CE/AD		-At June 15 th, 13,700,001,215, the Magna Charta was written, signed and thus granted to by King John 1199-1216 of England -1279 CE Genghis Khan Mongols invade China (Kublai Khan rule), Start of Mongul Yuan Dynasty greatest Land Empire in History, - Russia and Mid East, opens trade. -1216 – 1399 Plantagenet English Royal House 1216-1272 Henry the III King of England	Saadi, popular Persian poet,	-1181-1216 AD/CE Saint Francis of Assisi friar and patron saint lives and founds Franciscan Order.

HISTORY

I. The Post Classical Period

The Dark Ages, The Middle Ages (500 CE Years to 1290 CE.) 3rd Anthropocene Epoch

SOCIAL		SCIENCES		
2. YEAR	VISUAL ARTS	MUSIC	SCIENCE/ TECHNOLOGY/ GROWTH	DAILY LIFE
550 CE/AD		-619 Formation of orchestras in China		-650 CE the caliphs introduce the first organized news service. -671 "Greek Fire" a missile weapon invented
		-750 Gregorian church music in Germany, France and England	- 774 Euclid's "Elements" translated into Arabic	-710 Sugar planted in Egypt
		-855 earliest known attempts at polyphonic music		
890 CE/AD			Other developments were the invention of the water wheel, the burning of coal, Romantic Love and progressive developments in natural science, medicine and knowledge in general.	
900 CE/AD		-942 Arabs bring kettledrums and trumpets to Europe -1008 Berno, Abbot of Reichenau, writes his books on music theory.		Castles become the seats of the European nobility
1050 CE/AD		-1050 Polyphonic singing replaces Gregorian chants. -1065 Wilhelm von Hirsau Ger. Benedictine monk, writes manual on musical theory.	The Prime Meridian (Line of Longitude) is begun to be established at Greenwich, England, Important astronomic instruments (astrolabes) arrive in Europe from Eastern countries	
1090 CE/AD			The first water-driven clock constructed in Peking.	
1125 CE/AD			Alexander Neckam: "De utensilibus" (earliest account of a mariner's compass)	
1250 CE/AD			Roger Bacon completes his general writings, Opus Maius and Opus Minus.	Venetian, Marco Polo and Moroccan, undertakes and writes about great and inspiring travels.

HISTORY

H. The Classical Period, Iron Age “Christ Legacy”

(30 CE to 500-600 CE)

		SOCIAL		SCIENCES
1. YEAR	PHYS SCI MATH L SC	HISTORY/ POLITICS	LITERATURE/ THEATER	RELIGION/ PHILOSOPHY/ LEARNING
30 CE/AD	Around 13,700,000,000 years, in Bethlehem, a new Star is said to have appeared and the Virgin Mary is said to have given birth & life to Jesus Christ. It is also thought by some that the Milky Way Galaxy would have completed about 1 universal year/13 Billion years, since its creation, around this time?	- Julius Caesar seen as son of god. -Roman records from this time, indicate a man of Jesus'es description, had some dealings with the Law. -Jewish Historian Josephus -Rome author Tacitus	<i>Jesus is also said to have coined the Lords Prayer, the Beatitudes, water Baptism, name Christening and Holy Communion.</i>	-Jesus, is thus said to have been Resurrected and Ascended in the Middle East, at the Mount of Olives. -Jesus destroys Temple by driving out money lenders 26 -33 AD/CE -30 AD/CE – Simon ST Peter first Pope of Rome -Peter, Paul and James (Jesus's brother) start ministries.
75 CE/AD	- 105 CE the Chinese invent paper	City of Rome and experiments and interest in democracy, which had first been made by the Greeks, was growing.	- The Gospels of Mark, Matthew, Luke and Acts written as Gospel Cannon	-60 AD The destruction of Rome under Nero by ???? - 66 AD The first destruction of Jerusalem by Rome
122 CE/AD		Hadrian's Wall is built in Northern Roman Britain, at 13.700.000,122 CE/AD. - Split of Jews from Christians	<i>The Legend of King Arthur and Camelot begins, see pg 22 in King Arthur by John Matthews © 2004</i>	100 CE Merchant Seaman from Egypt sails from Red Sea to East Africa to India writes “Periplus of Epythrean Sea” -the Early Christian Churches appear and various translations of the Bible and the writings of the New Testament have begun.
150 CE/AD		-Perpetua solidifies the Jesus movement by being martyred -Persecution of Christians by Rome		Around 13,700,000,150, Egyptian trained Greek philosopher and scholar, Claudius Ptolemy, writes his Geocentric work, 'Almagest' draws maps. - 200 CE/AD Talmud Written Oral Torah Mishnah
270-400 CE/AD	The Classical period ends due to invasions and disease.	272 – 337 Constantine the great the 57 th Roman Emperor the first to convert to Christianity. 306 – 337 Has dream of Sun and Cross, moves Rome to Constantinople Byzantine,Persecution of Kingdom Christians of other Christians, Christianity had become quite integrated in Roman Society. -386-534 CE Northern Wei Dynasty in China, Age of Division -320-480 CE Gupta Empire in India	- 360 Scrolls begin to be replaced by books -365-427 CE Fav Chinese poet Tao Qian	-382 AD/CE Vulgate, Latin translation of Bible by St Jerome. -500 AD/CE Talmud Germara Elucidation of Mishnah

HISTORY

H. The Classical Period, Iron Age “Christ Legacy”

(30 CE to 500-600 CE)

SOCIAL		SCIENCES		
2. YEAR	VISUAL ARTS	MUSIC	SCIENCE/ TECHNOLOGY/ GROWTH	DAILY LIFE
30 CE/AD	The Transfiguration on Aug 6, 30 CE celebrating the change of Christ. Matthew 17: 2, and Mark 9:2-3 from His sojourn to the mountain top.		-Jesus event may actually have heralded a new evolutionary development in Humanity, i.e. Homo Sapiens Universalis or Polymath or Renaissance Man. -Pentecost occurs 50 days after Jesus's death, talking in tongues and winds.	Jesus is still highly and regularly commemorated & celebrated, with the Bread, Wine, & or Candle and offerings \$. -43 CE London Founded
75 CE/AD	Arch of Titus erected in Rome		The Greeks as well, had discovered PHI, the golden ratio or 1.61803398... or roughly 5/3. The use of India's "zero" & other math concepts are disseminated to and through the World.	The First Fire department appears here as well, in the Vigiles of Rome.
131 CE/AD			Claudius Galen Greek Physician born makes advances in understanding of physiology.	
271 CE/AD	Sun Rights championed by Ulpian.		First form of compass may have been used in China	
		- 386, Hymn singing introduced by Amrose, Bishop of Milan. -425, Alternative singing between Presenter and community at Roman Church services after Jewish pattern		-St Patrick of Ireland 389? - 461 ? -St Nicholas Patron Saint of Children 350 – 400 AD
		-521 , Boethius introduces Greek musical letter notation to the West	-525 Cosmas Indicopleustes, explorer and geographer of Alexandria travels up the Nile and writes his “Topographia Christiane” -595 First decimal reckoning in India	-542 the plague spreads from Egypt, Syria and Europe -590 the plague in Rome -594 End of plague, 1/2 of Europe's population killed.
		-600 “Antiphonar” Pope Gregorys collect of church chants.	-600 Book printing in China	-600 Smallpox from India spreads to Europe -615 Petroleum used in Japan

HISTORY

G. The Classical Period, Iron Age (1000-800 BCE to 30 CE)

		SOCIAL		SCIENCES
1. YEAR	PHYS SCI MATH L SC	HISTORY/ POLITICS	LITERATURE/ THEATER	RELIGION/ PHILOSOPHY/ LEARNING
970 BCE		-Greek legends speak of Apollo, identified with the Sun/Sol and centaur Chiron who tutored Apollo's offspring, Achilles, Hercules and Asclepius , -the Parthenon is build & reference to Gaia is made to by the Greeks. -The medicine wheels are somewhat evident in the North Americas. -Large China flotilla said to have sailed. -934-609 BCE Neo-Assyrian Empire	<i>Greek script, based on old Semitic-Phoenician characters with addition of vowels,</i>	1. The House of David (970 BCE) is said to have appeared & the 23rd Psalm written.
780 BCE	-6 Sept 775 & June 4, 780 BCE, Chinese records solar eclipse	-786 BCE Minor Prophet Jonah Ben Amittal, Whale or Submarine Story told in Bible.	-800 BCE Homer Greek Poet writes epic poems Iliad and Odyssey	
753 BCE		-April 21, 753 BCE, the founding of Rome.	-First Library and classification system at Sumer	
600 BCE		-650 BCE Ancient Iranian people who lived in area known as Media. -638-558 BCE Ancient Greek Writer Solon, Father of history lives -5 July 593 BCE Hebrew Prophet Ezekiel has visions in the heavens -585 BCE to 220 BCE: Golden age of philosophy in China		At about 550 BCE Siddhartha achieves enlightenment and becomes the Buddha and teaches the Four Noble Truths and about Wisdom and Compassion. - Confucius, Zoroaster, Lao-tze age of Enlightenment.
508 BCE		-At 508 BCE. Greeks invent and record the "Equality before the Law" principle in Athens which later progresses to become Democracy. -469 – 399 Socrates; by trade a stonemason founder of philosophy, mentor of Plato -450 BCE Greek writer Herodotus, Father of History writes his "Histories" book.	<i>The Fables of Aesop a former slave, made public</i>	450 BCE 24 books of Tanakh made by Men of the Great assembly, 120 scribes, sages and prophets in period from end of Biblical Prophets to the Early Hellenistic Period.
391 BCE		-According to the Hebrew book of Ezekiel 4, Aug, 4, 391 BCE the rebellion of Israel occurred.		
380 BCE		-Greece's Plato (380 BCE), dramatically teaches his Republic ideals. Reference is said of & to Atlantis, off the West coast of Spain, made by Plato (martial and moral artist)		
330 BCE	140 BCE, a Greek known as Crates of Mallus said to have built the first crude globe of the Earth.	-The conquests of Alexander the Great, tutored by Aristotle (330 BCE), a student of Plato, take place. -221 BCE to 206 BCE Qin Unification in China terra cotta soldiers. -206 BCE to 220 CE: Han times in China		-Simeon The Just 310 291 BCE Maxim "The world exists through 3 things, the law, service and acts of loving kindness" -200 BCE Septuagint 70 Jewish scholars who compiled translation for King Ptolemy II, 6 scholars from each of 12 tribes of Israel.
100 - 3 BCE	In about 3 BCE Aristarchus is said to have proposed a heliocentric theory of the universe.	- 185-85 BCE Chinese historian Sima Qian -The Han Dynasty and Confucianism are evident in China and the Empire -Jan. 1, 45 BCE marks origin of the Julian (Caesar) Era and Calendar,	<i>Lucretius, Roman Poet, writes his "On The Nature of Things" prose.</i>	

HISTORY

G. The Classical Period, Iron Age (1000-800 BCE to 30 CE)

SOCIAL		SCIENCES		
2. YEAR	VISUAL ARTS	MUSIC	SCIENCE/ TECHNOLOGY/ GROWTH	DAILY LIFE
970 BCE		- professional musicians sing and play at religious ceremonies in Israel	- Homer refers to battlefield surgeries	-776 First recorded Olympic games.
700 BCE			- In India medicine becomes divorced from Priesthood. - 600 BCE 1 st Greek Philosopher, Thales of Miletos make observations related to electricity	- Banking biz practiced in Babylon -Cyrus of Persia establishes courier service on horseback
550 to 287 BCE	Romans adopt arched ceilings and squared temple foundations. Socrates and Aristotle advocate for Solar Architecture.	-Pythagoras is said to have introduced the octave in music. -350, Aristotle lays the foundation of musical theory	-460 BCE Hippocrates Greek "Father of Medicine" born in Cos. The notion of 5 senses and the basic elements or ether's ie: fire, water, ice and air etc. gains ground. -Archimedes, Greek mathematician, ecopioneer. Euclid Greek Scientist standard work on geometry "Elements" written. (323 BCE)	Egyptian tombs said to have South American tobacco and cocaine. -Polynesia Islands have evidence of Kon Tiki and Ra influences. -Dams constructed in India -Soldiers and Judges in Athens receive regular salaries.
276 to 194 BCE			Eratosthenes suggests Earth moves around the sun and maps Nile and estimates Earth's circumference. Gears invented and make for ox driven water wheels.	-215 Great Wall of China 1400 miles, built to keep invaders out.
160 BCE			Hipparchus of Nicaea makes important astronomical discoveries and invents trigonometry	
159 BCE			First water clock in Rome	
10 BCE	Preeminent Roman Architect Vitruvius advocates for solar architecture and Pliny advocates heliocaminus rooms as transparent glass was invented.		Greek Antikythera mechanism made which is ancient analog computer created to calculate astronomical positions and not recreated again till about the 14 th century	

HISTORY

F. The River Valley Agriculture Civilizations, 2nd Holocene Epoch, Bronze Age (10,000 Years BCE)

		SOCIAL		SCIENCES	
1. YE AR	PHY S MATH L S	HISTORY/ POLITICS	LITERATURE/ THEATER	RELIGION/ PHILOSOPHY/ LEARNING	
7,000 BCE	Genetic mutation in Black Sea region brings about fair skinned, fair haired, blue eyed humans haplogroup G ?	-Architecture, the 4 directions ie. North, East, South, and West, astronomy, sun dials, metal making, city dwelling, money, pottery, glass making, cotton and wool making, burials, Law, waste treatment and other social facets are shown to have originated and developed. It is suggested then that writing, thus might be said to be the backbone of the first advanced economies.			
5,800 BCE		-Island of Malta settled in the Mediterranean -Stonehenge appears in England & the Pyramids of the Mayan Cultures are evident in Upper South America. -4000 BCE City of Uruk	-There is evidence for the origins of the somewhat Global Proto Indo European Language and Culture around this time,		
3,700 BCE		-3050-2890 BCE Dynasty I -3000 BCE City of Shuruppak, King Ubaratutu -2900 BCE Sumerians in Iraq, - 2650-2600 BCE The Egyptians Dynasty III, polymath, first architect, engineer, Imhotep, originates & builds the Stone Step Pyramids, -2500 BCE Akkadian empire, -Bronze age collapse	-Sumerian writing, done on clay tablets, shows about 2,000 pictographic signs, Earliest Babylonian omen tablets. - Pepi's papyrus. -Epic of Gilgamesh, oldest surviving literature -2400 Uruinimgina King First Laws -Great flood story mentioned in Mesopotamia and Gilgamesh. -Tower of Babel story - First libraries in Egypt -2400 BCE The Egyptian pyramid text, oldest religious writings speak of Nunfather of Gods and Ra, Sun and Aten		
2200 BCE		-The Assyrian Empire in the middle east, reigned as probably the first real empire on Earth. -2000 BCE German "Woodhenge" built at Wiesbaden, Germany -1894 BCE Babylonia emerged	-1991-1803 BCE Atenism, "O sole God besides whom there is none" Earliest form of Monotheism, Founded by Akhenaten, First scientist, Egyptian	- Noah and Abraham are mentioned in the ancient oral teachings.	
1,800 BCE		The Temple of Aphrodite is built near Turkey to pay homage to the fertility of the Earth and woman, around 1500 BCE.. The design seems to somewhat mimic the structure of the lower human bone anatomy.	The tales from Babylon, ie the Enuma Elis, Kassite era is thought to have been written around 13,699,998,200 . "When the sky above was not named, And the earth beneath did not yet bear a name, And the primeval Abzu, who begat them, and chaos, Tiamat, the mother of them both, Their waters were mingled together, And so field was formed, no marsh was to be seen, When of the gods none had been called into being." Source = Enuma Elis 1800 BCE.	Zion, homeland of the Jews destroyed by Babylon	
1,280 BCE		-1200 BCE Trojan war of the ancient Greeks and city of Troy in Turkey said to have occurred. -1050 BCE Zhou Dynasty overthrows Shang Dynasty in China	The Old Testament, the Holy Bible, the Ten Commandments, the concept of Spiritual Faith, weekly rest and worship and the coining of the seven day week, attributed to Moses, are thought to have been written down, "And then when G o d began to create the Earth, and the Earth was then welter and waste and darkness and cold over the deep, and God's breath hovering over the waters, God said, 'Let there be light and warmth' , and there was light and warmth". The "firmament" thus, separating "the waters which were, under the firmament, from the waters which were, above the firmament." Source = Holy Bible 1280 BCE.		

HISTORY

F. The River Valley Agriculture Civilizations, 2nd Holocene Epoch, Bronze Age (10,000 Years BCE)

SOCIAL		SCIENCES		
2. YEAR	VISUAL ARTS	MUSIC	SCIENCE/ TECHNOLOGY/ GROWTH	DAILY LIFE
6,000 BCE			-Around 5,000 BCE or earlier, basic writing and arithmetic are developed for mostly accounting and recipe purposes. -Egyptian calendar, regulated by sun and moon, 360 days, 12 months of 30 days each.	1. The first Whale and Rainbow reference is given therein. The areas around river valleys like the Indus, Yellow and Nile Rivers develop ag civilizations.
5,800 BCE		Harps and Flutes played in Egypt.	2. The Greeks and the Minoans are said to have had an advanced culture and the Sumerians are said to be the first to have developed writing and advanced arithmetic.	2. The Mayans highly regarded chocolate in the society.
3114 BCE	-White painted pottery in Egypt and southeastern Europe		-The first recorded date is established by the Mayans at Aug 13, 13,699,996,886 BCE. (see "Natural History" by Joyce Marcus). (See also pg 24, The Ra Expeditions by T. Heyerdahl (c) 1972 USA Lib of Con 72139031 and pg 42) (vikings) -5 days added to yearly Egyptian Calendar.	
		- 2500 Chinese music has 5 tone scale	-2500 Egyptians discover papyrus	-2000 Horse are used to draw vehicles.

HISTORY

D. The Estate of Community (80,000 Years BCE)

1. YEAR	PHYSICAL SCIENCES & MATH	-LIFE SCIENCES	SOCIAL		SCIENCES
			HISTORY/ POLITICS	LITERATUR E/ THEATER	RELIGION/ PHILOSOPHY/ LEARNING
13,699.9 2 Billion					
80,000 BCE					
35,000 BCE					

E. The Neolithic Revolution, New Stone Age (30,000 Years BCE)

1. YEAR	PHYSICAL SCIENCE MATH & LIFE SCIENCES	HISTORY/ POLITICS	SOCIAL		SCIENCES
			LITERAT URE/ THEATER	RELIGION/ PHILOSOPHY/ LEARNING	
30,000 BCE	1. These early progenitors of modern humans thus began to develop agriculture, animal tending (dogs) and possibly boating at around 13,699,970,000 years and as well bone carving (see Hohle Fels Mammoth bone fertility figure from Germany).				
15,000 BCE	2. The spiritual stone temple of Gobekli Tepe (Turkish Stonehenge) in Turkey is said to be the first human made stone structures made and bears carved wild animal figures, and is dated from about 13,699,990,000 years and is said to have been a gathering site of 500 or more nomadic peoples.			2. The first actual large permanent community or city to date was Jericho which has been uncovered and dates to roughly 13,699,992,800 and is in the Middle East. This then suggests that agriculture might be said to be the backbone of a permanent culture or civilization. There is some evidence of town construction at Khirokitia , Cyprus as well and metal colorlidos. Also at this time, we begin to see the development of basic arithmetic and pottery and more advanced stone tools and carvings. Evidence of the domestication of animals like cats, chickens, cows, sheep, etc. is also evident. The formation of larger collective human units like societies and civilizations thus allowed for and augmented the divisions of labor and responsibilities in them and specialization's of interests and a crude class structure began to take place.	
9,700 BCE	Possible Solar Flare or Plasma event or Cosmic Gamma Rays may have struck the Earth.	9650 BCE Talk of seafaring nation Atlantis, Island of Atlas that sank into the sea in a single day. See Plato 380 BCE		3. It is possible around this time, that Humanity sowed the seeds of its disaffection or we see the beginnings of its separation and disassociation with and from the natural world, replacing such instead with various gods, or human preoccupations with inventions, structures, engineering and pretentious imaginings.	

HISTORY

D. The Estate of Community (80,000 Years BCE)

SOCIAL		SCIENCES		
2. YEAR	VISUAL ARTS	MUSIC	SCIENCE/ TECHNOLOGY/ GROWTH	DAILY LIFE
13,699,920 Billion				1. These early humans then began living in small tribes and nomadic communities, as communities probably afforded certain economies and synergies of effort that were mutually beneficial to the individuals involved.
80,000 BCE				
35,000 BCE				2. Three migrations are said to have occurred East by some of these tribes, to the Americas from Siberian origins, according to modern DNA testing, across a now submerged land or ice bridge in the North Bering Strait at about 35,000 to 20,000 years ago and or other as suggested from anthropoid burn patterns. These Peoples thus form the current more matriarchal First Nations People and Nations of the Americas. All of these early Humans of the Earth, were thus beginning to gain a consciousness and awareness of their own procreation power, capacity, and pleasure. Evidence of human habitation is found in North Eastern Brazil at Boqueirao de Pedra Furada.

E. The Neolithic Revolution, New Stone Age (30,000 Years BCE)

SOCIAL		SCIENCES		
2. YEAR	VISUAL ARTS	MUSIC	SCIENCE/ TECHNOLOGY/ GROWTH	DAILY LIFE
30,000 BCE	1. A more sophisticated language was developing too and later cave paintings that suggest the development of a crude form of written or graphic expression. These cave paintings have been found around the world and were made at around 13,699,975,000 years which themselves suggest global migrations.		1. The bow and arrow were developed around this time.	
17,200 BCE			2. Humans are making, designing and using crude tools.	

HISTORY

* Note the Ecozoic Era denotes a time when life/enviro gains awareness of itself through humans and other advanced life forms on Earth ie: Whale/dolphin/crow/ etc.

1 & 2 YEAR	Ph Sc & MATH	LIFE SCIENCES	SOCIAL SCIENCES 500,000 to 1,000 BCE		
13.694 Billion to 13.699,300 or 500,000 BCE	As well around this time the oldest active or viable DNA known, has been found at Greenland and is dated to a time of 13,699,250,000 years. This is perhaps thus, the first Global proto biome genetic evidence in current existence and thus serves the basis, baseline, default and source for all modern life's genetic blueprint.	Pliocene Epoch At around 13,694,000,000 years, the great apes began a divergence which gave way to the Tribe Hominini, which includes the sensual Bonobo (South of the Congo River) and the aggressive Chimp Genus (Pan) (North of the Congo River) on the one side but not in the Sub-tribe of Hominina of which the Genuses are all now extinct but for the more upright and bipedal proto human Genus (Homo) which then was becoming quite distinct at about 13,698,400,000 years (see <i>Kenyapithecus</i> : Kenya Ape, <i>Ramapithecus</i> : Rama Ape, <i>Australopithecus</i> : Southern Ape, and Homo Ergaster, Homo Habilis, Kenya). ECOZOIC ERA: Quaternary Period: 1st Pleistocene Epoch Homo Ergaster was known for its more advanced stone tool making and usage. These Homos long since spent less time in the trees and perhaps sought out the refuge of caves. -13.698 possible nearby supernova 100 ly away, as evidence of FE 60 found in fossils of ocean microorganisms. See 'The Urban Cliff Revolution' By D. Larson & U. Matthes (c) 2004 Fitzhenry & Whiteside CA. ISBN # 155041-848-3 <i>Homoheidelbergensis and Denisovans in Siberia</i>	HISTORY/ POLITICS		
			LITERATURE/ THEATER		
			Others		
			500,000 BCE		
			Quaternary Period, Pleistocene Epoch,		
			The more ground		
			faring proto humans or		
			Homos of this time,		
			were quite roaming		
			and inventive and		
			around 13,699,300,000		
			years, experimented		
			with anthropic "FIRE"		
			and made stone balls		
			and the spear. The		
			discovery of Yuanmou		
			Man, Xihoudu and		
			Lantien Man and then		
			later of the Peking Man		
			fossils in China, dated		
			at 13,699,700,000		
			years, and Homo		
			Erectus (general),		
			tends to corroborate		
			and confirm these		
			fossil facts. The use of		
			fire probably permitted		
			more migrations and		
			early adaption to		
			colder climes, as well		
			as being used for the		
			cooking of foods.		

C. The Estate of Family/Adam & Eve, Paleolithic or Old Stone Age (250,000 Years BCE)

SOCIAL SCIENCES									
1 & 2 YEAR	PH S & M	LIFE SCIENCES	HISTORY	LIT	RELIGIO N/	Vis Arts	Music	Science	Day Life
13.699,7 Billion		1. At around this time, ie: 13,699,777,700 years, there were apparently two main contenders of human qualities vying for survival. The more common Southern Cro-magnons, Proto Homo Sapiens species, and the Northern Neanderthal species. There is said to have been, though, some common link between the two as indicated by the apparent small 4% concentration of Neanderthal DNA and RNA present in the modern Homo Sapiens Sapiens sub species genome, arising perhaps from around 1 million BCE years or so.							
13.699,83 Billion		2. One of the first Subspecies of the more modern human or Homo Sapiens Species, though, is thought to have been, the now extinct Subspecies, Homo Sapiens Idaltu, possibly Adam, first born, from Ethiopia, Africa, which is said to have appeared around 13,699,830,000 years. Then at around 13,699,860,000 we have the appearance of the Mitochondrial Eve specie in Africa, which is said to have been the mother of most of the modern human Subspecies Homo Sapiens Sapiens, according to DNA and RNA testing. Evidence of massive Volcanic and iron meteor strikes are found upon the earth.						Fire and Wood Spears	Hunting Gathering, Garden?

HISTORY

1 & 2 YEAR	-B 1. PHYSIC SCIENCES/ -B2. MATH	-A. WATER & LIFE SCIENCES	SOCIAL SCIENCES		
12.9 Billion	<i>The Earths crust continues to move, drift and evolve, ie; the craton, the Canadian Shield, formed pre 400 million years ago with the Appalachian mountains to the East and 200 million years later, with the Rockies to the West. Later all the continents converge to form the super continent PANGAEA pre 200 million years ago, which then slowly fragmented into the 7 continents we have today in 2012. This then was the land basis or nucleus for the PANGAEA II Supersystemglobal protobiome.</i>	At about 12.9 Billion years, on land, the progenitor of trees, redwoods and evergreens began and in the oceans, fish, amphibians, reptiles and other more complex sea animals had begun to develop and then eventually begin moving by way of the fresh water rivers and lakes perhaps, onto the land. At 13.195 Billion years the shark progenitor is said to have developed. Evidence of this is found in the Pikaia species, discovered in 1911 at Yoho National Park in the Canadian Rockies. The Pikaia suggests itself to be the first of the Chordata Phylum. As a small eel like creature 4 to 5 cm in length, with a basic notochord, its muscular evidence is somewhat preserved in the Burgess shale found at that location, along with other species found in this Cambrian layer and explosion of life at this time. All of these developments thus gave way to the appearance of Vertebrates at possibly around 350 Million years ago. As well, there had reportedly been a number of mass extinctions over the years for various proposed reasons. See 2010 © Smithsonian "Natural History"	A. HISTORY/ POLITICS	B. LITERATUR E/ THEATER	C. to G. Others

B. The Estate of Nature/Mammals, Mesozoic & Cenozoic Eras (220 Million Years BCE)

1 & 2 YEAR	PHYSIC SCIENCES & MATH	WATER& LIFE SCIENCES	SOCIAL SCIENCES		
13.45 Billion		1. At between 13.44 to 13.48 Billion years the dinosaurs appeared, and the Milk bearing Mammal Class developed from variations of the Synapsidas tree climbing mammal- like reptile (see "Suminia getmanovi" in Russia), marking about one galactic year from the present. Birds and flowering plants began developing a little after this time.	A. HISTORY/ POLITICS	B. LITERATUR E/ THEATER	C. to G. Others
13.635 Billion		The dinosaurs and 70% of species were wiped out by asteroid or cosmic event and after around 13.6353 the first placental mammals developed from a hamster like rodent, according to extrapolations of various later mammals teeth fossils. They quickly grew 500x larger.			
13.64 Billion	Paleo thermal Maximum 55 Million years ago when global warming occurred with a rise in CO2 which resulted in dwarfism in Mammals twice for a period of about 100,000 years each.	Tertiary Period 2. These early mammals then branched into the more tree faring proper Primate Order, at around 13.640 Billion years. This is confirmed roughly in the find of a very small rodent in Central China, Archicebus Achilles, 13.645 Billion years, and as well the find of the "Darwinius" specie in Germany , 13.658 Billion years. Primates then themselves, branched into the Great Apes (Hominoidea) Super Family, around 13.670 Billion years. The oldest confirmed ape fossil find at present is for around 13,687,000,000 years (see "Pierolapithecus Catalaunicus", Spain and then "Toumai", Chad, Africa for 13,693,000,000). The progenitors of modern butterflies, bees, and ants were developing as well.			

HISTORY

The Story of Creation and its Evolution (13.75 Billion Years BCE)

Primeval history

1. Before the beginning, there was silence, and there was darkness, and there was cold and stillness, without name, without form and without motion. And then behold... and then there was N o w. The Universe, Time and Awareness thus began...
2. The Universe thus was like a sphere or expanding bubble both infinite and finite without center or edge.
3. At 0.5 billion years later the Milky Way Galaxy, (or Sagittarius Dwarf? Galaxy or Stellar Mitosis???) with its many stars, was formed, the oldest known star being HE 1523-0901. Then 28,000 Light Years distant from the Milky Way Galaxies center, and at about the time of 9.16 billion years, the Sol, or Sun of the Solar System was formed. This Solar System thus then revolved around the Milky Way Galaxy once, every 220 Million years, clockwise.

A 1. The Estate of Prehistory/Oceans, GENESIS

Hadean Eon 4.6 Billion: The planet Earth forms from the accretion disc revolving around the young Sun; complex organic molecules necessary for life may have formed in the protoplanetary disk of dust grains surrounding the Sun before the formation of the Earth. The Earth and planet Theia collide, sending out moonlets which coalesce into one moon, The surface of the Earth cools enough for the crust to solidify.

Archean Eon 3.9 Billion: Formation of the Greenstone belt of the Acasta gneisses of the Great Slave Region in Canada, the oldest rock belt in the world.

A 2. The Estate of the Beginning of Life

(9.2 to 11.5 Billion years after the Beginning)

Proterozoic Eon, Precambrian & Paleozoic Eras: Great Oxidation Event led by Cyanobacteria's oxygenic photosynthesis.

Time Time Table Modified from W.Stein & B. Grun © Germany 1946/2005

1 & 2 YEAR	GEOSPHERE: -B1. PHYSICAL SCIENCES & -B 2. MATH	-A1. HYDROSPHERE: WATER BIOSPHERE: -A.2 LIFE SCIENCES	ANTHROPOSPHERE: SOCIAL SCIENCES		
9.2 to 11.5 Billion	At 0.04 Billion years later, or at 9.2 Billion years, the Earth and its Geosphere and basic Elements were forming and revolved counterclockwise at North Pole, around the Sun every 365.26 days. The Moon in its approximate 29 day counterclockwise revolution around the Earth developed as well. Water and the Hydrosphere began forming and Gravity and the Earths 24 hour counterclockwise rotation set the waves and winds in motions and patterns and at 0.5 Billion years later the atmosphere, weather, climate and the four seasons began forming. At about 10.1 Billion years the Ozone layer started forming on Earth. (See "The Planet Earth" The World Book Encyclopedia of Science in References. © 1985, Chicago, USA and 2010 © Oxford, Atlas of the World.)	By 11.5 Billion years Earths somewhat shielded living atmosphere had developed and basic Amino Acids had formed and LIFE, and Photosynthesis eventually began to develop and form carbohydrates in the salty oceans and air. This suggests that Life on Earth is derived from a reproductive or regeneration process of water, air, light, time and various elements and are varied forms or expressions or entities of such, which is in keeping with the fact that many life forms tend to be comprised mostly of water.	A. HISTORY/ POLITICS	B. LITERATURE / THEATER	C. to G. Others
12.4 Billion		Life on Earth then, was comprised of the Domains of Bacteria, Archaea and Eukaryotes. And when the ozone layer was sufficiently developed it permitted the more shielded formation for more evolved life and such on the Earths land surface at around 12.4 Billion Years. The Eukaryote Domain then gave itself to the rise of the 4 additional Kingdoms one was Aracheplastida(2005) Phylums of green and red algae and of Plantae(Haeckel(1866) and Kingdoms of Protista, Animals and Fungi. A living Biosphere was developing.	Not yet in existence		

HISTORY

Bibliography Table; HISTORY(Scientific References)

Year	TITLE and Pages	Author	Publisher	Place	ISBN #
2012	Europa World Year Book 2012 & The World Almanac and Book of Facts 2012	? & Sr.Ed. S. Janssen	? & © Infobase Learning 2012	UK & NY, USA	? & # 978-1-60057-148-0
2011	Online encyclopedia	Project Editor: Suchismita Banerjee	2003/11 DK Publishers	NY USA	9780 75667310 9
2004	A History of World Societies, 6 th Ed.	Ed in Chief, J. I. Woy	(c) C. Harford	USA	0-618-30195-X
1985 CE	Canada (1867-1985 CE): The Canadian Encyclopedia pgs 355 & 421	Editor in Chief James H. Marsh ©	HURTIG	CANADA	# 0-88830-269-X (set)
1981 CE	Codex Seraphinianus, 2 volumes, 127 pgs x 2	Luigi Serafini	Franco Maria Ricci	Italy	# 88-216-0026-2 # 88-216-0027-0
1977 CE	The Random House Encyclopedia	By James Mitchell Ed in Chief	© 1977 Mitchell Beazley & Random House	NY USA	0 394 40730 X
1961 CE	The Dawn of Civilization (50,000 BCE)	Edited by Stuart Piccolt (c)	McGraw-Hill	USA	Lib of Congress # 61-11703
1946 CE	The Timetables of History	B. Grun		Germany	
Jan 1913 CE	Canada & Its Provinces, 22 Vols & Index(# 322)V1pg 3-42	A. Shortt/A.G.D	T&A Constable	Edinburgh U	PUBLIC DOMAIN
1867 CE/AD	Dominion of Canada (1867 CE): British North America Act, Also called the Constitution Act	Canadian Fathers of Confederation	By Britain for Dominion of Ca or Canada. ©	CANADA AND ENGLAND	NATIONAL AGREEMENT
1755 CE/AD	The Great Dictionary, The Johnson Dictionary	Samuel Johnston	Public Domain	England	PUBLIC DOMAIN
1511 CE/AD	King James Bible	Scholars	King James	England	none
1305 CE/AD	Jami al Tawarikh, Collection or compendium of Chronicles/Histories.	Rashid ad Din Hamadani	Public Domain	Persia/Iraq	none
1000 CE/AD	The Suda Encyclopedia	Various	?	Greece	none
382 – 400 CE/AD	VULGATE Latin Bible	ST Jerome	?	?	none
200 CE/AD	Talmud	JEWS	?	Mid east	none
116 AD/CE	ANNALS	Tacitus	?	Rome	none
93-94AD/CE	Antiquities of the Jews	Flavius Josephus	?	Rome	none
200 BCE	Septuagint	70 Jewish Scholars	K. PTOLEMY II	?	none
450 BCE	Tanakh	Men of great assembly	?	Middle East	none
450 BCE	Histories	Herodotus	Herodotus	Greece	none
600 BCE	?	Solon	Solon	Greece	
800 BCE	The Odyssey and Iliad	Homer		Greece	

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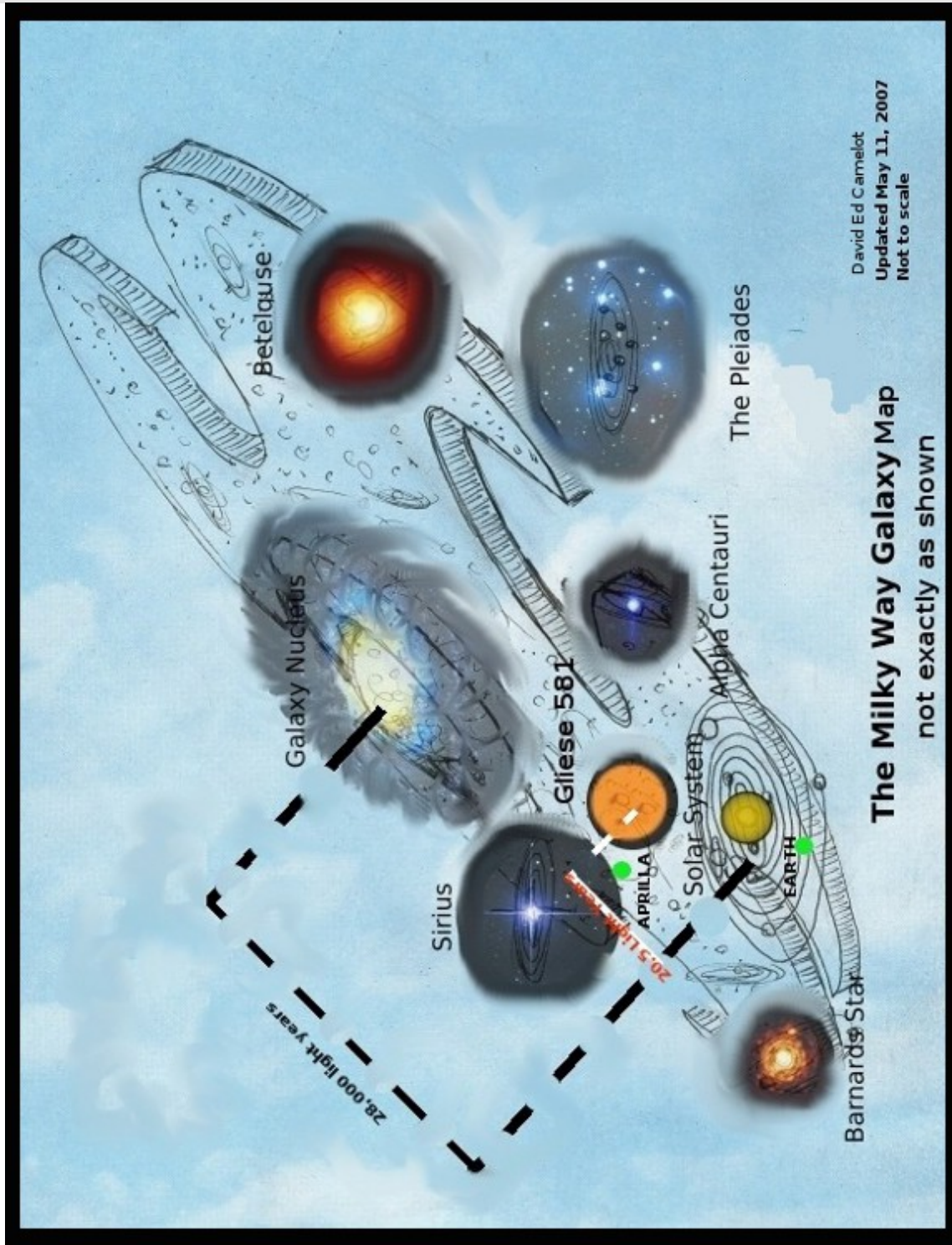
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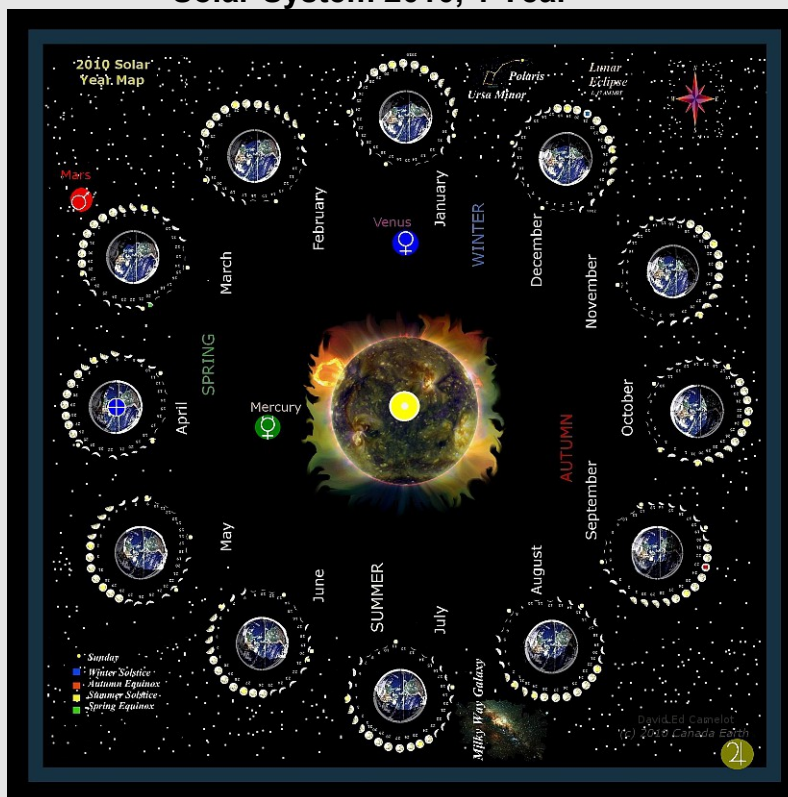
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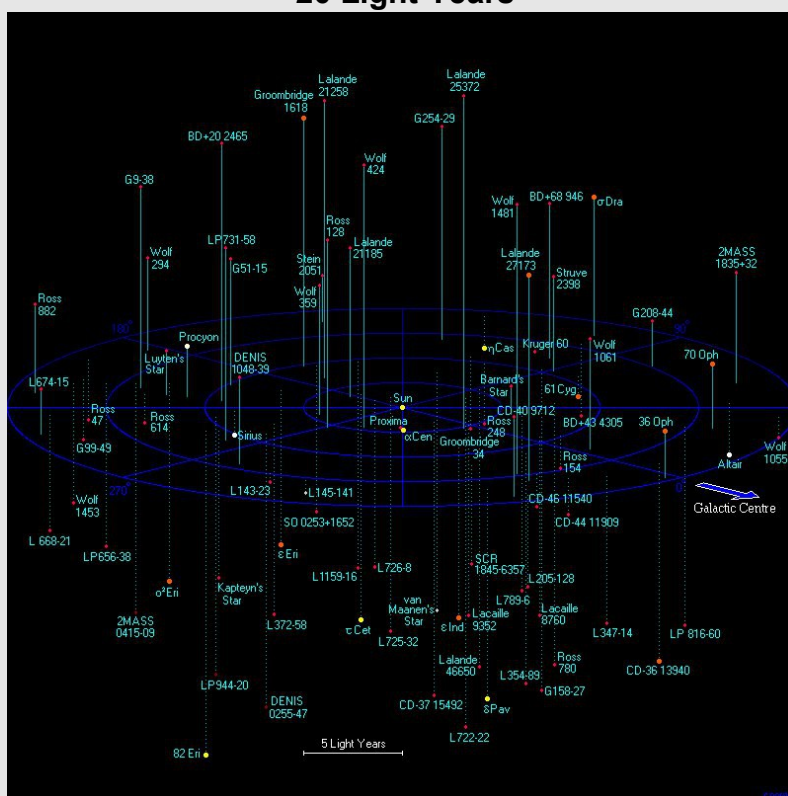
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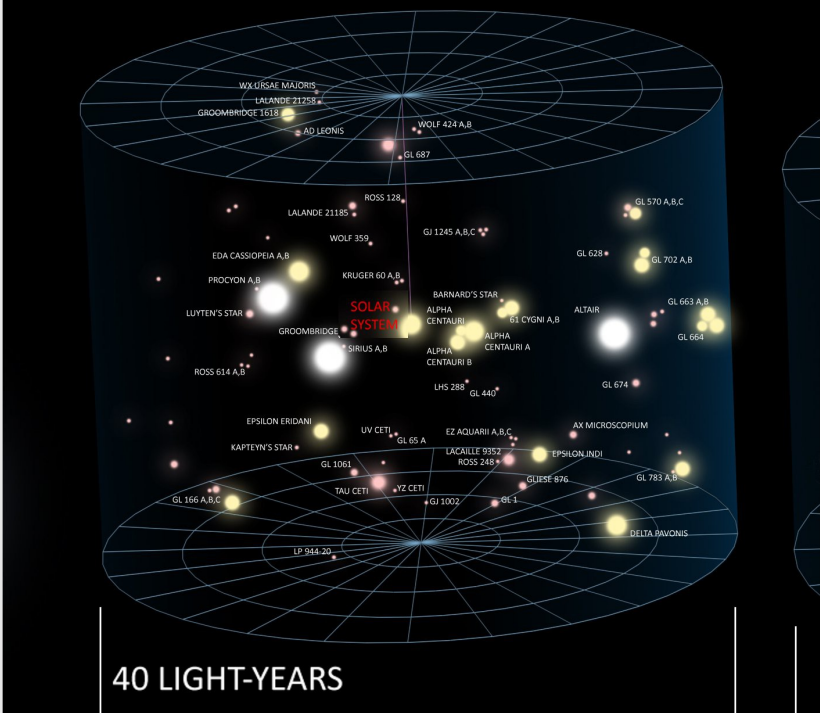
Solar System 2010, 1 Year



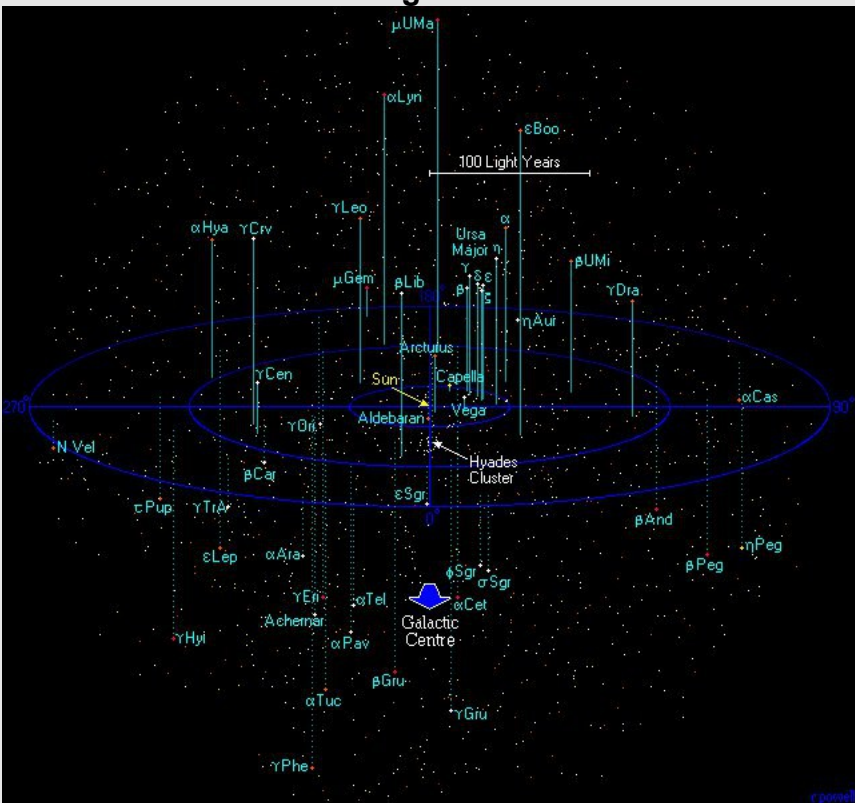
20 Light Years

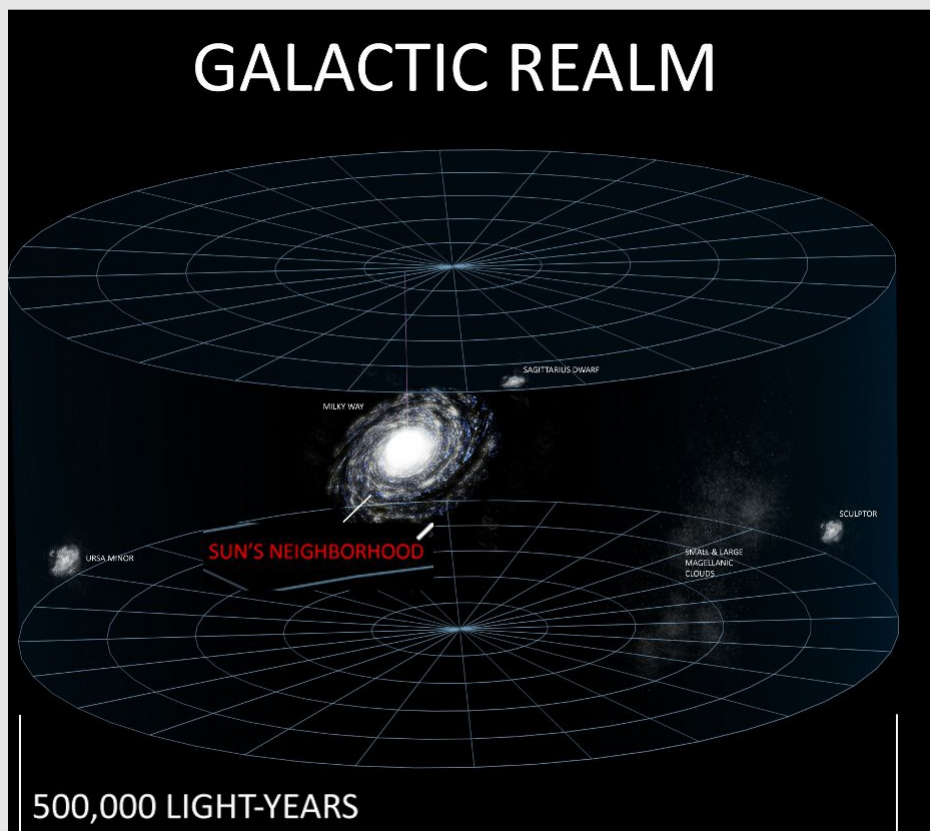


SUN'S NEIGHBORHOOD

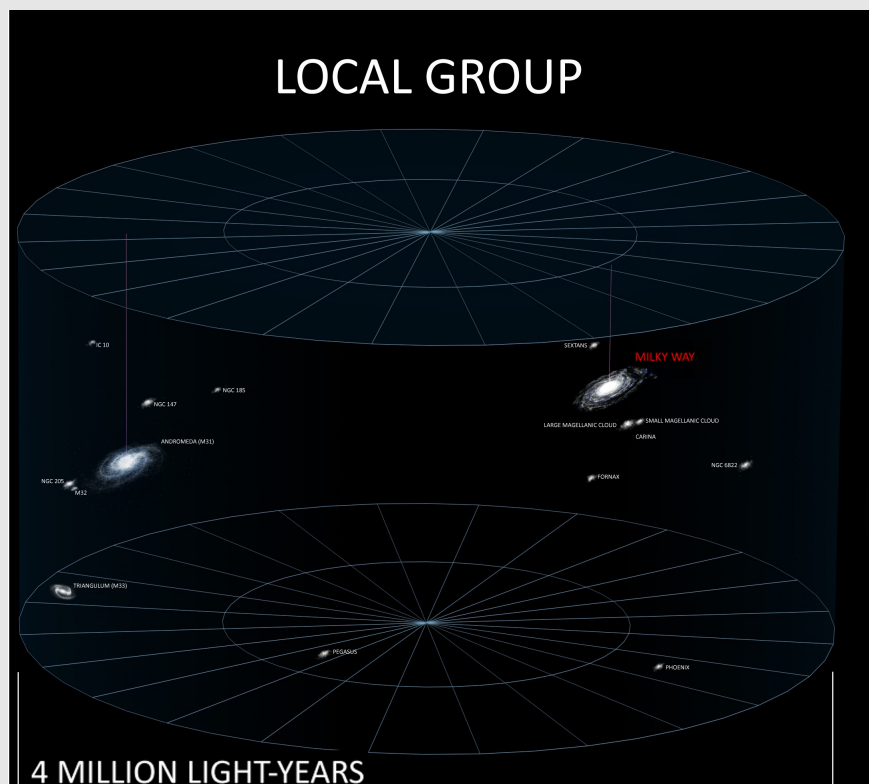


250 Light Years

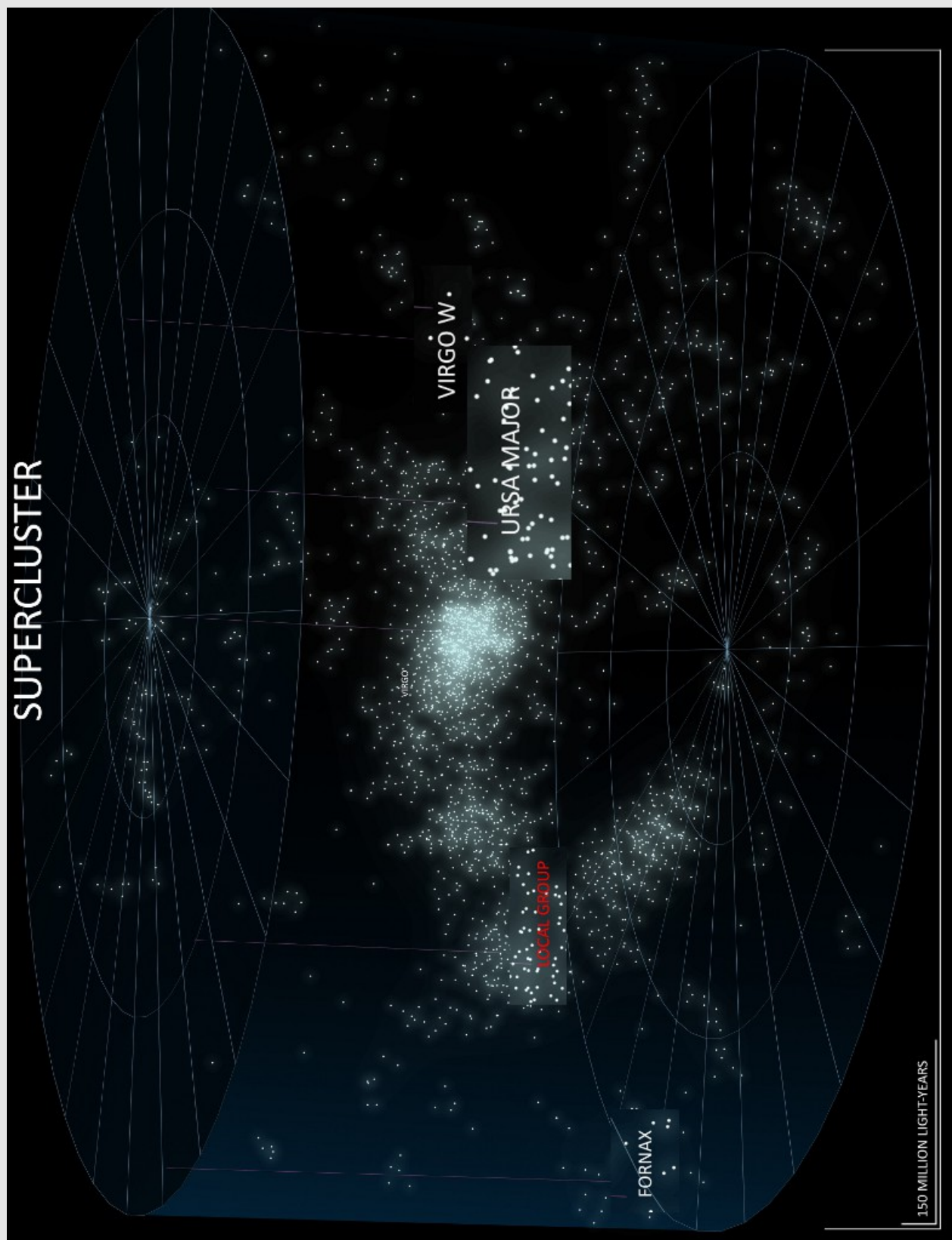




4 Million Light-Years



The Universe, Super Cluster, 150 Million Light-Years



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